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刊名简称	刊名全称	ISSN	大类名称
	YAtmospheric Chemistry and Physics	1680-7316	_ ·
	Bulletin of the American Meteorological Society	0003-0007	
CLIM DYNAM	· · · · · · · · · · · · · · · · · · ·	0930-7575	
	A Contributions to Mineralogy and Petrology	0010-7999	_ ·
	CEarth and Planetary Science Letters	0012-8212	_ ·
	Earth-Science Reviews	0012-8252	
	OGeochimica Et Cosmochimica Acta	0016-7037	
GEOLOGY	Geology	0091-7613	
	El Geotextiles and Geomembranes	0266-1144	
J CLIMATE	Journal of Climate	0894-8755	
J PETROL	Journal of Petrology	0022-3530	_ ·
	CLimnology and Oceanography	0024-3590	_ ·
NAT GEOSCI	Nature Geoscience	1752-0894	_ ·
PALEOCEANOGR.		0883-8305	_ •
	E Precambrian Research	0301-9268	
	I Quaternary Science Reviews	0277-3791	_ ·
REV GEOPHYS	Reviews of Geophysics	8755-1209	_ •
AM J SCI	American Journal of Science	0002-9599	地学
APPL CLAY SCI	^ ^	0169-1317	地学
B VOLCANOL	Bulletin of Volcanology	0258-8900	_ •
BASIN RES	Basin Research	0950-0912	地学
BOREAS	Boreas	0300-9483	地学
BOUND-LAY MET	TBoundary-Layer Meteorology	0006-8314	地学
CHEM GEOL	Chemical Geology	0009-2541	地学
CLIM PAST	Climate of the Past	1814-9324	地学
DEEP-SEA RES PT	l Deep-Sea Research Part I-Oceanographic Research Pap		
ELEMENTS	Elements	1811-5209	地学
GEOCHEM GEOPH	F Geochemistry Geophysics Geosystems	1525-2027	地学
GEOCHEM T	Geochemical Transactions	1467-4866	地学
GEOL SOC AM BU	I Geological Society of America Bulletin	0016-7606	地学
GEOMORPHOLOG	Geomorphology	0169-5552	地学
GEOPHYS J INT	Geophysical Journal International	0956-5402	地学
GEOPHYS RES LE	T Geophysical Research Letters	0094-8276	地学
GEOSTAND GEOA	l Geostandards and Geoanalytical Research	1639-4488	地学
GONDWANA RES	Gondwana Research	1342-9372	地学
HOLOCENE	Holocene	0959-6836	地学
	S'Hydrology and Earth System Sciences	1027-5606	_ •
INT J CLIMATOL	International Journal of Climatology	0899-8418	地学
J ATMOS SCI	Journal of the Atmospheric Sciences	0022-4928	地学
J GEOL	Journal of Geology	0022-1376	地学
J GEOL SOC LONI	O Journal of the Geological Society	0016-7649	地学
J GEOPHYS RES	Journal of Geophysical Research	0148-0227	地学
J HYDROL	Journal of Hydrology	0022-1694	地学
J HYDROMETEOR	(Journal of Hydrometeorology	1525-7552	地学
J MARINE SYST	Journal of Marine Systems	0924-7963	地学
J METAMORPH GI	E Journal of Metamorphic Geology	0263-4929	地学
J PALEOLIMNOL	Journal of Paleolimnology	0921-2728	地学
J PHYS OCEANOG	F Journal of Physical Oceanography	0022-3670	地学
J QUATERNARY S	Gournal of Quaternary Science	0267-8179	地学
J SYST PALAEON	Γ Journal of Systematic Palaeontology	1477-2019	地学

LITHOS	Lithos	0024-4937 地学	
MAR GEOL	Marine Geology	0025-3227 地学	
	I Monthly Weather Review	0027-0644 地学	
OCEAN MODEL		1463-5003 地学	
OCEANOGRAPHY		1042-8275 地学	
	Organic Geochemistry	0146-6380 地学	
	Palaeogeography Palaeoclimatology Palaeoecology	0031-0182 地学	
PALEOBIOLOGY		0094-8373 地学	
	Progress in Oceanography	0079-6611 地学	
	Progress in Physical Geography	0309-1333 地学	
	SQuarterly Journal of the Royal Meteorological Society	0035-9009 地学	
	Quaternary Geochronology	1871-1014 地学	
	Quaternary Research	0033-5894 地学	
	(Reviews in Mineralogy & Geochemistry	1529-6466 地学	
	Surveys in Geophysics	0169-3298 地学	
TECTONICS	Tectonics	0278-7407 地学	
TELLUS A	Tellus Series A-Dynamic Meteorology and Oceanograph		
TELLUS B	Tellus Series B-Chemical and Physical Meteorology	0280-6509 地学	
	l Acta Geologica Sinica-English Edition	1000-9515 地学	
	Acta Palaeontologica Polonica	0567-7920 地学	
	Advances in Geophysics	0065-2687 地学	
AM MINERAL		0003-004》地学	
	E Annales Geophysicae	0992-7689 地学	
ANTARCT SCI		0954-1020 地学	
	Applied Geochemistry	0883-2927地学	
	1 Aquatic Geochemistry	1380-6165 地学	
ARCHAEOMETRY	· · · · · · · · · · · · · · · · · · ·	0003-813X地学	
	A Arctic Antarctic and Alpine Research	1523-0430 地学	
ATMOS OCEAN	^	0705-5900 地学	
ATMOS RES	Atmospheric Research	0169-8095 地学	
	I Australian Journal of Earth Sciences	0812-0099 地学	
	Bulletin of the Seismological Society of America	0037-1106地学	
	Clays and Clay Minerals	0009-8604 地学	
CLIM RES	Climate Research	0936-577》地学	
	Continental Shelf Research	0278-4343 地学	
	Deep-Sea Research Part Ii-Topical Studies in Oceanogra		
	ODynamics of Atmospheres and Oceans	0377-0265 地学	
EARTH INTERACT		1087-3562 地学	
	(Earth Surface Processes and Landforms	0197-9337 地学	
ECON GEOL	Economic Geology	0361-0128 地学	
EPISODES	Episodes F Estuarine Coastal and Shelf Science	0705-3797 地学	
		0272-7714 地学	
EUR J MINERAL	European Journal of Mineralogy Facies	0935-1221 地学	
FACIES	Geofluids	0172-9179 地学 1468-8115 地学	
GEOFLUIDS		1695-6133 地学	
GEOL ACTA GEOL J	Geological Journal	_ ·	
GEOL MAG	Geological Journal Geological Magazine	0072-1050 地学 0016-7568 地学	
GEOPHYSICS	Geophysics	0016-8033 地学	
GEOSPHERE	Geosphere	1553-040》 地学	
	R Helgoland Marine Research	1438-387》 地学	
TILLGOLAND WAN	CHOISOIGHG MIGHING ROSCAICH	1730-3017 20子	

HYDROGEOL J	Hydrogeology Journal	1431-2174	地学
INT GEOL REV	International Geology Review	0020-6814	地学
INT J APPL EARTI	H International Journal of Applied Earth Observation and C	0303-2434	地学
INT J BIOMETEOR	R(International Journal of Biometeorology	0020-7128	地学
INT J EARTH SCI	International Journal of Earth Sciences	1437-3254	地学
INT J GEOGR INF	S International Journal of Geographical Information Science	1365-8816	地学
	L Journal of Applied Meteorology and Climatology	1558-8424	
	Journal of Archaeological Science	0305-4403	
	C Journal of Asian Earth Sciences	1367-9120	_ •
J ATMOS CHEM		0167-7764	_ •
	T Journal of Atmospheric and Oceanic Technology	0739-0572	
	RI Journal of Atmospheric and Solar-Terrestrial Physics	1364-6826	_ •
J FORAMIN RES	Journal of Foraminiferal Research	0096-1191	
J GEODESY	Journal of Geodesy	0949-7714	
J GEODES I J GEODYN	· · · · · · · · · · · · · · · · · · ·		
J GLOD I N J GLACIOL	Journal of Glorials and	0264-3707	_ •
	Journal of Glaciology	0022-1430	_ •
J LIMNOL	Journal of Limnology	1129-5767	_ •
J MAR RES	Journal of Marine Research	0022-2402	_ •
J SEA RES	Journal of Sea Research	1385-1101	
J SEDIMENT RES	<i>y</i>	1527-1404	
J STRUCT GEOL		0191-8141	
	O Journal of Vertebrate Paleontology	0272-4634	地学
J VOLCANOL GEO	O' Journal of Volcanology and Geothermal Research	0377-0273	地学
LETHAIA	Lethaia	0024-1164	地学
	CLimnology and Oceanography-Methods	1541-5856	地学
MAR MICROPALE	E(Marine Micropaleontology	0377-8398	地学
MAR PETROL GEO	O Marine and Petroleum Geology	0264-8172	地学
MINER DEPOSITA	Mineralium Deposita	0026-4598	地学
NAT HAZARD EA	R Natural Hazards and Earth System Sciences	1561-8633	地学
OCEAN DYNAM	Ocean Dynamics	1616-7341	地学
ORE GEOL REV	Ore Geology Reviews	0169-1368	地学
PALAEONTOLOG	Y Palaeontology	0031-0239	地学
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PERMAFROST PE	R Permafrost and Periglacial Processes	1045-6740	
	NPhotogrammetric Engineering and Remote Sensing	0099-1112	
	El Physics and Chemistry of Minerals	0342-1791	
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	1 Review of Palaeobotany and Palynology	0034-6667	
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	O Special Papers in Palaeontology Series	0038-6804	
STRATIGRAPHY		1547-139X	
TECTONOPHYSIC		0040-1951	
TERRA NOVA	^ *	0954-4879	_ •
	MTheoretical and Applied Climatology	0177-7982	
	Cl Turkish Journal of Earth Sciences	1300-0985	
	Weather and Forecasting	0882-8156	
ACTA CARSOLOG		0583-6050	
	P Acta Geodaetica Et Geophysica Hungarica	1217-8977	
	E Acta Geodynamica Et Geomaterialia	1217-8977	
ACIA GEODIN G	E Acta Geouynannea Et Geomateriana	1414-7/03	地子

ACTA GEOL POL ACTA GEOPHYS ACTA GEOTECH SI ACTA METEOROL ACTA MONTAN SL ACTA OCEANOL SI ADV ATMOS SCI ALCHERINGA AMEGHINIANA	Acta Geographica Slovenica-Geografski Zbornik Acta Geologica Polonica Acta Geophysica Acta Geotechnica Slovenica Acta Meteorologica Sinica Acta Montanistica Slovaca Acta Oceanologica Sinica Advances in Atmospheric Sciences Alcheringa Ameghiniana Andean Geology	1581-6613 0001-5709 1895-6572 1854-0171 0894-0525 1335-1788 0253-505 0256-1530 0311-5518 0002-7014 0718-7092	地地地地地地地地地地
	Annals of Geophysics	1593-5213	
	Annales De Limnologie-International Journal of Limnologie		_ •
	Annales De Paleontologie	0753-3969	
	Annales Societatis Geologorum Poloniae	0208-9068	地学
	Annual Review of Marine Science	1941-1405	_ •
APPL GEOPHYS		1672-7975	_ •
	Applied Ocean Research	0141-1187	
	Archaeological Prospection	1075-2196	
ARCTIC	Arctic	0004-0843	_ •
	Asia-Pacific Journal of Atmospheric Sciences Atmosfera	1976-7633	
	Authosfera Australian Meteorological Magazine	0187-6236 0004-9743	_ •
	Bollettino Di Geofisica Teorica Ed Applicata	0004-5743	
	Bulletin of the Geological Society of Denmark	0011-6297	_ •
B GEOSCI	Bulletin of Geosciences	1214-1119	
	Bulletin of Marine Science	0007-4977	
B SOC GEOL FR	Bulletin De La Societe Geologique De France	0037-9409	
B SOC GEOL ITAL	Bollettino Della Societa Geologica Italiana	0037-8763	地学
BALTICA	Baltica	0067-3064	地学
	Brazilian Journal of Oceanography	1679-8759	_ •
	Canadian Geotechnical Journal	0008-3674	
	Canadian Journal of Earth Sciences	0008-4077	
	Canadian Mineralogist	0008-4476	
	Carbonates and Evaporites	0891-2556	
	Chemie Der Erde-Geochemistry	0009-2819	
	Chinese Journal of Geophysics-Chinese Edition	0001-5733	_ •
	Clay Minerals	0009-8558 0098-3004	_ •
	Computers & Geosciences Computers and Geotechnics	0266-352X	
	Computational Geosciences	1420-0597	
	Comptes Rendus Geoscience	1631-0713	
	Comptes Rendus Palevol	1631-0683	
CRETACEOUS RES		0195-6671	
	Disaster Advances	0974-262X	
DOKL EARTH SCI	Doklady Earth Sciences	1028-334X	
	Earth and Environmental Science Transactions of the Roy	1755-6910	地学
EARTH SCI RES J	Earth Sciences Research Journal	1794-6190	地学
ENG GEOL	Engineering Geology	0013-7952	
	Environmental & Engineering Geoscience	1078-7275	
ERDKUNDE	Erdkunde	0014-0015	地学

EST J EARTH SCI	Estonian Journal of Earth Sciences	1736-4728 地学
EXPLOR GEOPHYS	Exploration Geophysics	0812-3985 地学
FUND APPL LIMNO	Fundamental and Applied Limnology	1863-9135 地学
GEMS GEMOL	Gems & Gemology	0016-626X地学
GEOARABIA		1025-6059 地学
GEOARCHAEOLOG	Geoarchaeology-An International Journal	0883-6353 地学
GEOBIOS-LYON		0016-6995 地学
	Geochemistry International	0016-7029 地学
	Geochemical Journal	0016-7002 地学
	Geochemistry-Exploration Environment Analysis	1467-7873 地学
GEOCHRONOMETI		1733-8387 地学
GEOD LIST		0016-710》地学
GEODIN ACTA		0985-3111 地学
GEODIVERSITAS		1280-9659 地学
GEOFIS INT	Geofisica Internacional	0016-7169 地学
	Geofizika	0352-3659 地学
	Geografiska Annaler Series A-Physical Geography	0435-3676 地学
	Geografia Fisica E Dinamica Quaternaria	1724-4757 地学
GEOINFORMATICA		1384-6175 地学
GEOL GARRATU	Geologica Belgica	1374-8505 地学
	Geologica Carpathica	1335-0552 地学
GEOL ORE DEPOSI	Geological Overterly	1075-7015 地学
	Geological Quarterly Geological Survey of Denmark and Greenland Bulletin	1641-7291 地学 1811-4598 地学
GEO-MAR LETT		0276-0460 地学
	Geomorphologie-Relief Processus Environnement	1266-5304 地学
	Geophysical Prospecting	0016-8025 地学
GEOSCI CAN	Geoscience Canada	0315-0941 地学
GEOSCI J	Geosciences Journal	1226-4806 地学
GEOTECTONICS+		0016-8521 地学
GFF	Gff	1103-5897 地学
	Giscience & Remote Sensing	1548-1603 地学
	Himalayan Geology	0971-8966 地学
IDOJARAS	Idojaras	0324-6329 地学
IEEE J-STARS	Ieee Journal of Selected Topics in Applied Earth Observa	21939-1404 地学
INDIAN J MAR SCI	Indian Journal of Marine Sciences	0379-5136地学
INT J DIGIT EARTH	International Journal of Digital Earth	1753-8947 地学
INT J SPELEOL	International Journal of Speleology	0392-6672 地学
ISL ARC	Island Arc	1038-4871 地学
IZV ATMOS OCEA	Lizvestiya Atmospheric and Oceanic Physics	0001-4338地学
	Izvestiya-Physics of the Solid Earth	1069-3513 地学
	Journal of African Earth Sciences	1464-343》地学
	Journal of Applied Geophysics	0926-9851 地学
	Journal of Cave and Karst Studies	1090-6924 地学
	Journal of China University of Geosciences	1002-0705 地学
	Journal of Coastal Research	0749-0208 地学
	Journal of Earth Science	1674-487》 地学
	Journal of Earth System Science	0253-4126 地学
	Journal of Earthquake and Tsunami	1793-4311 地学
	Journal of Environmental and Engineering Geophysics	1083-1363 地学
J GEOCHEM EXPLO	Journal of Geochemical Exploration	0375-6742 地学

J GEOGR SCI	Journal of Geographical Sciences	1009-637X地	学
J GEOL SOC INDIA	Journal of the Geological Society of India	0016-7622 地	学
J IBER GEOL	Journal of Iberian Geology	1698-6180 地	学
J KOREAN METEO	Journal of the Korean Meteorological Society	1225-0899 地	学
J MAPS	Journal of Maps	1744-5647 地	学
J METEOROL SOC	Journal of the Meteorological Society of Japan	0026-1165 地	学
	Journal of Mineralogical and Petrological Sciences	1345-6296 地	
	Journal of Oceanography	0916-8370 地	
	Journal of Operational Oceanography	1755-876》地	
J PALEONTOL	Journal of Paleontology	0022-3360 地	
J PETROL GEOL	Journal of Petroleum Geology	0141-6421 地	
	Journal of South American Earth Sciences	0895-9811 地	
	Journal of Seismic Exploration	0963-0651地	
J SEISMOL	Journal of Seismology	1383-4649 地	
J SPAT SCI	Journal of Spatial Science	1449-8596地	
	Journal of Volcanology and Seismology	0742-0463 地	- •
JOKULL SLISI	Jokull	0449-0576 地	
LANDSLIDES	Landslides	1612-510》地	
LIMNOLOGY	Limnology	1439-8621 地	- •
		0024-4902 地	- •
MAR GEOD	Lithology and Mineral Resources		
	Marine Geodesy	0149-0419地	
	Marine Geophysical Researches	0025-3235 地	
MATH GEOL	Mathematical Geology	0882-8121 地	- •
MATH GEOSCI	Mathematical Geosciences	1874-8961 地	- •
MAUSAM	Mausam	0252-9416地	
	Meteorological Applications	1350-4827地	
	Meteorology and Atmospheric Physics	0177-7971 地	
METEOROL Z	Meteorologische Zeitschrift	0941-2948 地	- •
MICROPALEONTO		0026-2803 地	
MINER PETROL	Mineralogy and Petrology	0930-0708 地	
MINERAL MAG	Mineralogical Magazine	0026-461岁地	
MT RES DEV	Mountain Research and Development	0276-4741 地	
	Near Surface Geophysics	1569-4445 地	
NETH J GEOSCI	Netherlands Journal of Geosciences-Geologie En Mijnbo		
	Neues Jahrbuch Fur Geologie Und Palaontologie-Abhan		
	Neues Jahrbuch Fur Mineralogie-Abhandlungen	0077-7757 地	
	New Zealand Journal of Geology and Geophysics	0028-8306 地	- •
	Newsletters On Stratigraphy	0078-0421 地	
	Nonlinear Processes in Geophysics	1023-5809 地	
NORW J GEOL	Norwegian Journal of Geology	0029-196》地	
OCEAN SCI	Ocean Science	1812-0784 地	学
OCEANOL HYDRO	Oceanological and Hydrobiological Studies	1730-413》址	学
OCEANOLOGIA	Oceanologia	0078-3234 地	学
OCEANOLOGY+	Oceanology	0001-4370 地	学
OFIOLITI	Ofioliti	0391-2612 地	以学
P GEOLOGIST ASS	Proceedings of the Geologists Association	0016-7878 地	学
	Proceedings of the Yorkshire Geological Society	0044-0604 地	以学
PALAEONTOGR AI	Palaeontographica Abteilung A-Palaozoologie-Stratigrap	0375-0442 地	以学
	Palaeontographica Abteilung B-Palaophytologie	0375-0299 地	
	Palaeontologia Electronica	1094-8074 地	
	Palaeontologische Zeitschrift	0031-0220 地	- •

PALEONTOL J+	Paleontological Journal	0031-0301	州学
PALYNOLOGY	Palynology	0191-6122	_ ,
	Periodico Di Mineralogia	0369-8963	_ ·
PETROL GEOSCI	Petroleum Geoscience	1354-0793	_ ·
PETROL SCI	Petroleum Science	1672-5107	_ ·
PETROLOGY+	Petrology	0869-5911	_ ·
PETROPHYSICS	Petrophysics	1529-9074	_ •
	E Photogrammetric Record	0031-868X	_ ·
	Physics and Chemistry of the Earth	1474-7065	_ ·
PHYS GEOGR	Physical Geography	0272-3646	_ ·
POLAR RES	Polar Research	0800-0395	_ ·
	Pure and Applied Geophysics	0033-4553	- •
			_ •
	Quarterly Journal of Engineering Geology and Hydrogeo		
QUATERNAIRE	Quaternaire Radiocarbon	1142-2904	_ ·
RADIOCARBON		0033-8222	_ ·
RESOUR GEOL	Resource Geology	1344-1698	_ ·
	Revista Geologica De Chile	0716-0208	_ ·
	Revista Mexicana De Ciencias Geologicas	1026-8774	_ ·
	Rivista Italiana Di Paleontologia E Stratigrafia	0035-6883	
	Russian Geology and Geophysics	1068-7971	_ ·
	Russian Journal of Pacific Geology	1819-7140	_ •
S AFR J GEOL	South African Journal of Geology	1012-0750	_ ·
	Science in China Series D-Earth Sciences	1006-9313	_ ·
SCOT J GEOL	Scottish Journal of Geology	0036-9276	_ ·
SOLA	Sola	1349-6476	_ •
	Stratigraphy and Geological Correlation	0869-5938	
	1Studia Geophysica Et Geodaetica	0039-3169	_ ·
SURV REV	Survey Review	0039-6265	_ ·
SWISS J GEOSCI	Swiss Journal of Geosciences	1661-8726	_ ·
	Terrestrial Atmospheric and Oceanic Sciences	1017-0839	- •
	Zeitschrift Der Deutschen Gesellschaft Fur Geowissensch	1860-1804	地学
Z GEOMORPHOL	Zeitschrift Fur Geomorphologie	0372-8854	地学
	Annual Review of Astronomy and Astrophysics	0066-4146	地学天文
ASTRON ASTROPH	Astronomy and Astrophysics Review	0935-4956	
ASTROPHYS J SUP	Astrophysical Journal Supplement Series	0067-0049	地学天文
ANNU REV EARTH	Annual Review of Earth and Planetary Sciences	0084-6597	地学天文
ASTRON ASTROPH	Astronomy & Astrophysics	0004-6361	地学天文
ASTRON J	Astronomical Journal	0004-6256	地学天文
ASTROPHYS J	Astrophysical Journal	0004-637X	地学天文
J COSMOL ASTRO	F Journal of Cosmology and Astroparticle Physics	1475-7516	地学天文
MON NOT R ASTR	(Monthly Notices of the Royal Astronomical Society	0035-8711	地学天文
ASTROPART PHYS	S Astroparticle Physics	0927-6505	地学天文
EXP ASTRON	Experimental Astronomy	0922-6435	地学天文
GLOBAL PLANET	(Global and Planetary Change	0921-8181	地学天文
ICARUS	Icarus	0019-1035	地学天文
METEORIT PLANE	Meteoritics & Planetary Science	1086-9379	地学天文
PUBL ASTRON SO	(Publications of the Astronomical Society of Australia	1323-3580	地学天文
	(Publications of the Astronomical Society of Japan	0004-6264	
	(Publications of the Astronomical Society of the Pacific	0004-6280	
SOL PHYS	Solar Physics	0038-0938	
SPACE SCI REV	Space Science Reviews	0038-6308	

ACTA ASTRONOM Acta Astronomica	0001-5237 地学天文
ADV SPACE RES Advances in Space Research	0273-1177 地学天文
ASTRON GEOPHYS Astronomy & Geophysics	1366-8781 地学天文
ASTRON LETT+ Astronomy Letters-A Journal of Astronomy and Space A	
ASTRON NACHR Astronomische Nachrichten	0004-6337 地学天文
ASTRON REP+ Astronomy Reports	1063-7729 地学天文
ASTROPHYS BULL Astrophysical Bulletin	1990-3413 地学天文
ASTROPHYS SPAC Astrophysics and Space Science	0004-640》 地学天文
ASTROPHYSICS+ Astrophysics	0571-7256 地学天文
B ASTRON SOC INI Bulletin of the Astronomical Society of India	0304-9523 地学天文
BALT ASTRON Baltic Astronomy	1392-0049 地学天文
CELEST MECH DYl Celestial Mechanics & Dynamical Astronomy	0923-2958 地学天文
CHINESE J ASTROl Chinese Journal of Astronomy and Astrophysics	1009-9271 地学天文
CONTRIB ASTRON Contributions of the Astronomical Observatory Skalnate	
COSMIC RES+ Cosmic Research	0010-9525 地学天文
EARTH MOON PLA Earth Moon and Planets	0167-9295 地学天文
EARTH PLANETS SEarth Planets and Space	1343-8832 地学天文
GEOPHYS ASTRO I Geophysical and Astrophysical Fluid Dynamics	0309-1929 地学天文
INT J ASTROBIOL International Journal of Astrobiology	1473-5504 地学天文
INT J MOD PHYS D International Journal of Modern Physics D	0218-2718 地学天文
J ASTROPHYS AST Journal of Astrophysics and Astronomy	0250-6335 地学天文
J HIST ASTRON Journal For the History of Astronomy	0021-8286 地学天文
J KOREAN ASTROl Journal of the Korean Astronomical Society	1225-4614 地学天文
JBIS-J BRIT INTERIJbis-Journal of the British Interplanetary Society	0007-084》 地学天文
NEW ASTRON New Astronomy	1384-1076 地学天文
NEW ASTRON REV New Astronomy Reviews	1387-6473 地学天文
OBSERVATORY Observatory	0029-7704 地学天文
PHYS EARTH PLAN Physics of the Earth and Planetary Interiors	0031-9201 地学天文
PLANET SPACE SC Planetary and Space Science	0032-0633 地学天文
RES ASTRON ASTF Research in Astronomy and Astrophysics	1674-4527 地学天文
REV MEX ASTRON Revista Mexicana De Astronomia Y Astrofisica	0185-1101 地学天文
SOLAR SYST RES+ Solar System Research	0038-0946 地学天文
SPACE WEATHER Space Weather-The International Journal of Research and	
ACM COMPUT SUFAcm Computing Surveys	0360-0300 工程技术
ACM T GRAPHIC Acm Transactions On Graphics	0730-0301 工程技术
ACS NANO Acs Nano	1936-0851 工程技术
ACTA BIOMATER Acta Biomaterialia	1742-7061 工程技术
ACTA MATER Acta Materialia	1359-6454 工程技术
ADV APPL MECH Advances in Applied Mechanics	0065-2156 工程技术
ADV BIOCHEM EN Advances in Biochemical Engineering / Biotechnology	0724-6145 工程技术
ADV FUNCT MATE Advanced Functional Materials	1616-3017工程技术
ADV MATER Advanced Materials	0935-9648 工程技术
ANNU REV BIOME Annual Review of Biomedical Engineering	1523-9829 工程技术
ANNU REV MATEF Annual Review of Materials Research	1531-7331 工程技术
APPL SPECTROSC Applied Spectroscopy Reviews	0570-4928 工程技术
ARTIF INTELL Artificial Intelligence	0004-3702 工程技术
BIOMATERIALS Biomaterials	0142-9612 工程技术
BIORESOURCE TE(Bioresource Technology	0960-8524 工程技术
BIOSENS BIOELEC Biosensors & Bioelectronics	0956-5663 工程技术
BIOTECHNOL ADV Biotechnology Advances	0734-9750 工程技术
BIOTECHNOL BIOI Biotechnology and Bioengineering	0006-3592 工程技术

	Hiotechnology For Biofuels	1754-6834	
CARBON	Carbon	0008-6223	
CHEM MATER	Chemistry of Materials	0897-4756	
	Computational Intelligence	0824-7935	
	Critical Reviews in Biotechnology	0738-8551	
	Critical Reviews in Food Science and Nutrition	1040-8398	
	Current Opinion in Biotechnology	0958-1669	
	(Electrochemistry Communications	1388-2481	
	Human-Computer Interaction Cleee Journal On Selected Areas in Communications	0737-0024	
		0733-8716	
	(Teee Signal Processing Magazine	1053-5888	
	Lieee Transactions On Evolutionary Computation	1089-778X	
	Heee Transactions On Industrial Electronics Heee Transactions On Neural Networks	0278-0046	
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	Eleee Transactions On Software Engineering	0098-5589	
	International Journal of Computer Vision	0920-5691 0360-3199	
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	International Journal of Plasticity International Materials Reviews	0749-6419	
		0950-6608	
J CATAL	Journal of Catalysis Journal of Hazardous Materials	0021-9517	
		0304-3894	
	Journal of Materials Chemistry	0959-9428	
	(Journal of the Mechanical Behavior of Biomedical Mater		
J NEURAL ENG	Journal of Neural Engineering SJournal of Power Sources	1741-2560	
J WEB SEMANT	Journal of Web Semantics	0378-7753	
LAB CHIP		1570-8268	
	Lab On A Chip	1473-0197	
MACROMOL KAPI	I Macromolecular Rapid Communications	1022-1336	
		0024-9297	
MAT SCI ENG R	Materials Science & Engineering R-Reports Materials Today	0927-796X	
MATER TODAY	<u>~</u>	1369-7021	
METAB ENG	Medical Image Analysis	1361-8415 1096-7176	
MIS QUART	Metabolic Engineering Mis Quarterly		
	I Molecular Nutrition & Food Research	0276-7783 1613-4125	
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NANO TODAY	Nano Today	1748-0132	
	Nanomedicine-Nanotechnology Biology and Medicine	1549-9634	
NANOTECHNOLO		0957-4484	
	Nature Biotechnology	1087-0156	
NAT MATER	Nature Materials	1476-1122	
	Nature Nanotechnology	1748-3387	
ORG ELECTRON		1566-1199	
P IEEE	Proceedings of the Ieee	0018-9219	
PLASMONICS	Plasmonics	1557-1955	
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	Progress in Crystal Growth and Characterization of Mate 1970 Progress in Energy and Combustion Science	0360-8974	
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COMPR REV FOOD Comprehensive Reviews in Food Science and Food Safet 1541-4337 工程技术
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COMPUT METHOD Computer Methods in Applied Mechanics and Engineerii 0045-7825 工程技术
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COMPUT VIS IMA	CComputer Vision and Image Understanding	1077-3142 工程技术
COMPUTER	Computer	0018-9162工程技术
	Corrosion Science	0010-938%工程技术
	Current Nanoscience	1573-4137 工程技术
	Current Opinion in Solid State & Materials Science	1359-0286工程技术
	T Data Mining and Knowledge Discovery	1384-5810 工程技术
	Decision Support Systems	0167-9236 工程技术
DENT MATER		0109-5641 工程技术
	T Diamond and Related Materials	0925-9635 工程技术
	Dyes and Pigments	0143-7208工程技术
	C Electrochemical and Solid State Letters C Electrochimica Acta	1099-0062 工程技术
		0013-4686 工程技术
ENERG FUEL	Energy & Fuels	0887-0624 工程技术
ENERGY ENTERD INFORM	Energy SEntannia Information Systems	0360-5442 工程技术 1751-7575 工程技术
	S Enterprise Information Systems I Environmental Modelling & Software	1364-8152 工程技术
	P. Esa Bulletin-European Space Agency	0376-4265 工程技术
EUR PHYS J E	European Physical Journal E	0253-2786 工程技术
	Evolutionary Computation	1063-6560 工程技术
	P. Expert Systems With Applications	0957-4174 工程技术
	Food Additives and Contaminants	0265-203》工程技术
FOOD CHEM	Food Chemistry	0308-8146 工程技术
	I (Food and Chemical Toxicology	0278-6915 工程技术
FOOD CONTROL		0956-7135 工程技术
	Food Hydrocolloids	0268-005》工程技术
	L Food Microbiology	0740-0020 工程技术
	TFood Quality and Preference	0950-3293 工程技术
	Food Research International	0963-9969 工程技术
FUEL	Fuel	0016-2361 工程技术
FUEL CELLS	Fuel Cells	1615-6846 工程技术
	E Fuel Processing Technology	0378-3820 工程技术
	E Functional Materials Letters	1793-6047 工程技术
	Gold Bulletin	0017-1557 工程技术
IBM J RES DEV	Ibm Journal of Research and Development	0018-8646 工程技术
IEEE ACM T COM	P Ieee-Acm Transactions On Computational Biology and I	
	V Ieee-Acm Transactions On Networking	1063-6692 工程技术
	A Ieee Communications Magazine	0163-6804 工程技术
	[] Ieee Computational Intelligence Magazine	1556-603%工程技术
	Γ Ieee Control Systems Magazine	1066-033%工程技术
	Ileee Electron Device Letters	0741-3106 工程技术
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IEEE INTERNET C	Cleee Internet Computing	1089-7801 工程技术
IEEE J QUANTUM	Heee Journal of Quantum Electronics	0018-9197 工程技术
IEEE J SEL TOP Q	U Ieee Journal of Selected Topics in Quantum Electronics	1077-260》工程技术
IEEE J SOLID-ST (Clieee Journal of Solid-State Circuits	0018-9200 工程技术
IEEE MICRO	Ieee Micro	0272-1732 工程技术
IEEE MICROW WI	R Ieee Microwave and Wireless Components Letters	1531-1309 工程技术
IEEE NETWORK		0890-8044 工程技术
IEEE PERVAS CO	M Ieee Pervasive Computing	1536-1268 工程技术
	Heee Photonics Technology Letters	1041-1135 工程技术
IEEE POWER ENE	R Ieee Power & Energy Magazine	1540-7977 工程技术

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IEEE T ULTRASON Ieee Transactions On Ultrasonics Ferroelectrics and Freq 0885-3010 工程技术
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INT J INNOV COMF International Journal of Innovative Computing Informatic 1349-4198 工程技术
INT J NUMER MET International Journal For Numerical Methods in Engineer 0029-5981 工程技术
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INT J SEMANT WEl International Journal On Semantic Web and Information 1552-6283 工程技术
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J AM SOC INF SCI Journal of the American Society For Information Science 1532-2882 工程技术
J ASSOC INF SYST Journal of the Association For Information Systems
                                                           1536-9323 工程技术
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J BIOMED MATER Journal of Biomedical Materials Research Part B-Applie 1552-4973 工程技术
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MAT SCI ENG C-M. Materials Science & Engineering C-Materials For Biolog 0928-4931 工程技术
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PATTERN RECOGP Pattern Recognition PHOTONIC NANOS Photonics and Nanostructures-Fundamentals and Applica 1569-4410 上越校木 PLASMA CHEM PL Plasma Chemistry and Plasma Processing O272-4324 工程技术 PROG AEROSP SCI Progress in Aerospace Sciences REACT FUNCT POI Reactive & Functional Polymers SIB1-148 工程技术 SCRIPTA MATER Scripta Materialia SENSOR ACTUAT 1Sensors and Actuators B-Chemical SENSORS AGATUAT 1Sensors and Actuators B-Chemical O925-4005 工程技术 SENSOR ACTUAT 1Sensors and Actuators B-Chemical SENSORS-BASEL Sensors SEP PURIF TECHNO Separation and Purification Technology SOFT MATTER Soft Materials SOL ENERG MAT S Solar Energy Materials and Solar Cells SURF COAT TECH Surface & Coatings Technology SYNTHEITIC MET Synthetic Metals SYST CONTROL LESystems & Control Letters THIN SOLID FILMSThin Solid Films TRANSPORT. VILN Transport UI.TRAMICROSCO Ultramicroscopy ADG BULL Agg Bulletin ACM T APPL PERC Acm Transactions On Applied Perception ACM T AUTON AD Acm Transactions On Autonomous and Adaptive System 1544-8558 T. Rebt ACM T COMPUT-H Acm Transactions On Database Systems ACM T COMPUT-H Acm Transactions On Database Systems ACM T DATABASE Acm Transactions On Programming Languages and Syst 0164-8188 L 248½ ACM T PROGR LAA Acm Transactions On Programming Languages and Syst 0164-8188 L 248½ ACM T PROGR LAA Acm Transactions On Programming Languages and Syst 0164-8188 L 248½ AND HOC NIETW ADD ROME Advanced Engineering Informatics ADAPT BEHAV Adaptive Behavior ADV ENG INFORM Advanced Engineering Materials ANNU REV CONTR Annual Reviews in Control APPL BIGCHEM Bil Applied Biochemistry and Biotechnology APPL ENERG APPL THERM ENG Applied Surface Science 0169-4332 T28½ AA ADV ENG INFORM Advanced Engineering Materials AND APPL BERG APPL SURF CONTR Annual Reviews in Control APPL BIOCHEM Bil Applied Biochemistry and Biotechnology APPL ENERG APPL SURF SCI Applied Surface Ecience 0169-4332 T28½ AA ADV ENG INFORM Advanced Engineering Materials 1438-1556 L 24½ AA ADV ENG INFORM Advanced Engineering Materials 1448-6341 T. 24½ AA ADV ENG MATER Adva				
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BIOKESOURCES Bioresources 1930-2126 工程技术				
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BIOTECHNOL APPl Biotechnology and Applied Biochemistry	0885-4513 工程技术
BIOTECHNOL BIOI Biotechnology and Bioprocess Engineering	1226-8372 工程技术
BIOTECHNOL LET Biotechnology Letters	0141-5492 工程技术
BUILD ENVIRON Building and Environment	0360-1323 工程技术
BUILD RES INF Building Research and Information	0961-3218 工程技术
CEMENT CONCRE Cement & Concrete Composites	0958-9465 工程技术
CEMENT CONCRE. Cement and Concrete Research	0008-8846 工程技术
CERAM INT Ceramics International	0272-8842 工程技术
CEREAL CHEM Cereal Chemistry	0009-0352 工程技术
CHEM ENG PROCE Chemical Engineering and Processing	0255-2701 工程技术
CHEM ENG TECHN Chemical Engineering & Technology	0930-7516 工程技术
CHEM VAPOR DEP Chemical Vapor Deposition	0948-1907 工程技术
	1672-2515 工程技术
CIRP ANN-MANUF Cirp Annals-Manufacturing Technology	0007-8506工程技术
CMC-COMPUT MA Cmc-Computers Materials & Continua	1546-2218工程技术
COGN SYST RES Cognitive Systems Research	1389-0417 工程技术
COLD REG SCI TE(Cold Regions Science and Technology	0165-232》工程技术
COMBUST THEOR Combustion Theory and Modelling	1364-7830 工程技术
COMP MATER SCI Computational Materials Science	0927-0256工程技术
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COMPOS STRUCT Composite Structures	0263-8223 工程技术
COMPUT AIDED DI Computer-Aided Design	0010-4485 工程技术
COMPUT AIDED Gl Computer Aided Geometric Design	0167-8396 工程技术
COMPUT BIOL MEl Computers in Biology and Medicine	0010-4825 工程技术
COMPUT CHEM EN Computers & Chemical Engineering	0098-1354 工程技术
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COMPUT IND Computers in Industry	0166-3615 工程技术
COMPUT J Computer Journal	0010-4620 工程技术
COMPUT METH PR Computer Methods and Programs in Biomedicine	0169-2607 工程技术
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COMPUT STRUCT Computers & Structures	0045-7949 工程技术
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CONCURR COMP-F Concurrency and Computation-Practice & Experience	1532-0626 工程技术
CONNECT SCI Connection Science	0954-0091工程技术
CONSTR BUILD M. Construction and Building Materials	0950-0618 工程技术
CONSTRAINTS Constraints	1383-7133 工程技术
CONTROL ENG PR. Control Engineering Practice	0967-0661 工程技术
DATA KNOWL EN(Data & Knowledge Engineering	0169-023》工程技术
DESALINATION Desalination	0011-9164 工程技术
DIG J NANOMATEI Digest Journal of Nanomaterials and Biostructures	1842-3582 工程技术
DIGIT SIGNAL PRC Digital Signal Processing	1051-2004 工程技术
DISPLAYS Displays	0141-9382 工程技术
DISTRIB COMPUT Distributed Computing	0178-2770 工程技术
DRY TECHNOL Drying Technology	0737-3937 工程技术
EARTHQ ENG STR\Earthquake Engineering & Structural Dynamics	0098-8847 工程技术
EARTHQ SPECTRA Earthquake Spectra	8755-2930 工程技术
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ELECTRON LETT Electronics Letters	0013-5194 工程技术
ELECTRON MATEFElectronic Materials Letters	1738-8090 工程技术
EMPIR SOFTW EN(Empirical Software Engineering	1382-3256 工程技术
ENERG BUILDING Energy and Buildings	0378-7788 工程技术
ENERG CONVERS Energy Conversion and Management	0196-8904 工程技术
ENERG J Energy Journal	0195-6574 工程技术
ENG ANAL BOUNE Engineering Analysis With Boundary Elements	0955-7997 工程技术
ENG APPL ARTIF Il Engineering Applications of Artificial Intelligence	0952-1976 工程技术
ENG LIFE SCI Engineering in Life Sciences	1618-0240 工程技术
ENG STRUCT Engineering Structures	0141-0296工程技术
ERGONOMICS Ergonomics	0014-0139 工程技术
EUR FOOD RES TE(European Food Research and Technology	1438-2377 工程技术
EUR J IND ENG European Journal of Industrial Engineering	1751-5254 工程技术
EUR J LIPID SCI TE European Journal of Lipid Science and Technology	1438-7697 工程技术
EXP FLUIDS Experiments in Fluids	0723-4864 工程技术
FLUID PHASE EQU Fluid Phase Equilibria	0378-3812 工程技术
FOLIA MICROBIOL Folia Microbiologica	0015-5632 工程技术
FOOD BIOPHYS Food Biophysics	1557-1858 工程技术
FOOD NUTR BULL Food and Nutrition Bulletin	0379-5721 工程技术
FOOD REV INT Food Reviews International	8755-9129 工程技术
FOOD TECHNOL B. Food Technology and Biotechnology	1330-9862 工程技术
FUTURE GENER C(Future Generation Computer Systems	0167-739》工程技术
FUZZY OPTIM DEC Fuzzy Optimization and Decision Making	1568-4539 工程技术
GENET PROGRAM Genetic Programming and Evolvable Machines	1389-2576工程技术
GPS SOLUT Gps Solutions	1080-5370 工程技术
HOLZFORSCHUNG Holzforschung	0018-3830 工程技术
HYDROMETALLUI Hydrometallurgy IBM SYST J Ibm Systems Journal	0304-386》工程技术
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IEEE ANTENN PRO Ieee Antennas and Propagation Magazine IEEE ANTENN WIR Ieee Antennas and Wireless Propagation Letters	1536-1225 工程技术
IEEE CIRC SYST M Ieee Circuits and Systems Magazine	1531-636》工程技术
IEEE COMMUN LE' Ieee Communications Letters	1089-7798 工程技术
IEEE COMPUT GRA leee Computer Graphics and Applications	0272-1716工程技术
IEEE DES TEST CO leee Design & Test of Computers	0740-7475 工程技术
IEEE ENG MED BIC leee Engineering in Medicine and Biology Magazine	0739-5175 工程技术
IEEE GEOSCI REM(Ieee Geoscience and Remote Sensing Letters	1545-598》工程技术
IEEE IND ELECTRC leee Industrial Electronics Magazine	1932-4529 工程技术
IEEE J-STSP Ieee Journal of Selected Topics in Signal Processing	1932-4553 工程技术
IEEE MICROW MA(Ieee Microwave Magazine	1527-3342 工程技术
IEEE MULTIMEDIA Ieee Multimedia	1070-986》工程技术
IEEE SENS J Ieee Sensors Journal	1530-437》工程技术
IEEE SIGNAL PROCIECE Signal Processing Letters	1070-9908 工程技术
IEEE SPECTRUM Ieee Spectrum	0018-9235 工程技术
IEEE T ADV PACK/ Ieee Transactions On Advanced Packaging	1521-3323 工程技术
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IEEE T AUTOM SCI leee Transactions On Automation Science and Engineeri	
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IEEE T CIRCUITS-Il Ieee Transactions On Circuits and Systems Ii-Analog and 1549-7747 工程技术
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IEEE T COMPUT Alleee Transactions On Computer-Aided Design of Integral 0278-0070 工程技术
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IEEE T ELECTRON Ieee Transactions On Electronics Packaging Manufacturi 1521-334》 工程技术
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IEEE T INF TECHN(Ieee Transactions On Information Technology in Biomed 1089-7771 工程技术
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INT COMMUN HEAInternational Communications in Heat and Mass Transfer0735-1933 工程技术
INT J ADAPT CONTInternational Journal of Adaptive Control and Signal Pro 0890-6327 工程技术
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INT J CIRC THEOR International Journal of Circuit Theory and Applications 0098-9886 工程技术
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INT J DOC ANAL R International Journal On Document Analysis and Recogn 1433-2833 工程技术
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INT J HIGH PERFOI International Journal of High Performance Computing A<sub>1</sub>1094-3420 工程技术
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INT J MINER PROC International Journal of Mineral Processing
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0129-0657 工程技术
INT J NUMER ANA International Journal For Numerical and Analytical Meth 0363-9061 工程技术
                                                           1110-662%工程技术
INT J PRECIS ENG International Journal of Precision Engineering and Manu: 1229-8557 工程技术
INT J REFRACT ME International Journal of Refractory Metals & Hard Mater 0263-4368 工程技术
                International Journal of Refrigeration-Revue Internationa 0140-7007 工程技术
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J EUR CERAM SOC Journal of the European Ceramic Society
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J PROCESS CONTR Journal of Proces		0959-1524 工程技术	
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	ience of Food and Agriculture	0022-5142 工程技术	
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J STAT SOFTW Journal of Statist		0022-460%工程技术	
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J THERM SPRAY Tl Journal of Therm		1059-9630 工程技术	
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LETT APPL MICRO Letters in Applie	d Microbiology	0266-8254 工程技术	
MACROMOL MATI Macromolecular		1438-7492 工程技术	
MACROMOL REAC Macromolecular		1862-832》工程技术	
	e and Engineering A-Structural Material		
MATER CHARACT Materials Characteristics		1044-5803 工程技术	
MATER DESIGN Materials & Desi		0261-3069 工程技术	
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	e and Engineering B-Advanced Function		
MATH BIOSCI ENG Mathematical Bio		1547-1063 工程技术	
MATH CONTROL S Mathematics of C		0932-4194 工程技术	•
MEAS SCI TECHNC Measurement Sci		0957-0233 工程技术	
MECH MACH THE (Mechanism and		0094-1142工程技术	
MECHATRONICS Mechatronics		0957-4158 工程技术	
MET MATER INT Metals and Mate	rials International	1598-9623 工程技术	
METALL MATER T Metallurgical and	l Materials Transactions A-Physical Me		
METROLOGIA Metrologia		0026-1394 工程技术	
MICROELECTRON Microelectronic	Engineering	0167-9317 工程技术	
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MICRON Micron		0968-4328 工程技术	7
MICROSYST TECH Microsystem Technology	chnologies	0946-7076 工程技术	7
MINER ENG Minerals Engine		0892-6875 工程技术	Ż
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MOBILE NETW APIMobile Networks	s & Applications	1383-469》工程技术	Ż
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NETWORK-COMP Network-Compu	tation in Neural Systems	0954-898》工程技术	Ż
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PHYS STATUS SOL Physica Status Solidi A-Applications and Materials Scier 1862-6300 工程技术
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THEOR PRACT LO(Theory and Practice of Logic Programming
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                                                          0965-8564 工程技术
TRANSPORT RES C Transportation Research Part C-Emerging Technologies 0968-090》工程技术
TRANSPORT RES L Transportation Research Part D-Transport and Environm 1361-9209 工程技术
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	Transportation Research Part E-Logistics and Transportation Science	0041-1655	
TRANSPORTATION	^	0041-1033	
TRANSPORTMETR	^	1812-8602	
	Tribology International	0301-679X	
	Tribology Letters	1023-8883	
	User Modeling and User-Adapted Interaction	0924-1868	
WEAR	Wear	0043-1648	
	Wind Energy	1095-4244	
	Wireless Communications & Mobile Computing	1530-8669	
	Wood Science and Technology	0043-7719	
AATCC REV	Aatcc Review	1532-8813	
	Accreditation and Quality Assurance	0949-1775	
	Aci Materials Journal		
	Aci Structural Journal	0889-325X	
		0889-3241	
	Acm Journal On Emerging Technologies in Computing S		
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	Acm Transactions On Modeling and Computer Simulation		
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	Acta Metallurgica Sinica	0412-1961	
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	Advanced Composite Materials	0924-3046	
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	Aerospace Science and Technology	1270-9638	
AEROSPACE AM		0740-722X	
	Aeu-International Journal of Electronics and Communica		
	African Journal of Biotechnology	1684-5315	
	Agro Food Industry Hi-Tech	1722-6996	
AI COMMUN	Ai Communications	0921-7126	
AI EDAM	Ai Edam-Artificial Intelligence For Engineering Design		
AI MAG	Ai Magazine	0738-4602	
	Aiaa Journal	0001-1452	
	Aircraft Engineering and Aerospace Technology	1748-8842	
AINCK ENU AERUS	Antian Engineering and Acrospace Technology	1/40-0042	上/注/汉/

ALCATEL TELECO Alcatel Telecommunications Review	1267-7167 工程技术
ALGORITHMICA Algorithmica	0178-4617 工程技术
AM CERAM SOC B American Ceramic Society Bulletin	0002-7812 工程技术
AM LAB American Laboratory	0044-7749 工程技术
ANALOG INTEGR (Analog Integrated Circuits and Signal Processing	0925-1030 工程技术
ANIM BIOTECHNO Animal Biotechnology	1049-5398 工程技术
ANN CHIM-SCI MA Annales De Chimie-Science Des Materiaux	0151-9107工程技术
ANN MATH ARTIF Annals of Mathematics and Artificial Intelligence	1012-2443 工程技术
ANN NUCL ENERG Annals of Nuclear Energy	0306-4549 工程技术
ANN TELECOMMU Annales Des Telecommunications-Annals of Telecomm ANTI-CORROS ME' Anti-Corrosion Methods and Materials	
	0003-5599 工程技术
APPITA J Appita Journal	1038-6807 工程技术
APPL ADDIE INTEL Applied Artificial Intelligence	
APPL COMPOS MA Applied Composite Meterials	0883-9514 工程技术 0929-189》 工程技术
APPL COMPOS MA Applied Computational Floatromagnetics Society Journ	
APPL COMPUT ELF Applied Computational Electromagnetics Society Journ APPL INTELL Applied Intelligence	0924-669》工程技术
ARCH CIV MECH E Archives of Civil and Mechanical Engineering	1644-9665 工程技术
ARCH LEBENSMIT Archiv Fur Lebensmittelhygiene	0003-925》工程技术
ARCH MECH Archives of Mechanics	0373-2029 工程技术
ARCH METALL MA Archives of Metallurgy	1733-3490 工程技术
ARCH MIN SCI Archives of Mining Sciences	0860-7001 工程技术
ARTIF CELL BLOO Artificial Cells Blood Substitutes and Immobilization B	
ARTIF INTELL REVArtificial Intelligence Review	0269-2821 工程技术
ASHRAE J Ashrae Journal	0001-2491 工程技术
ASIAN J CONTROL Asian Journal of Control	1561-8625 工程技术
ASIA-PAC J CHEM Asia-Pacific Journal of Chemical Engineering	1932-2143 工程技术
ASLIB PROC Aslib Proceedings	0001-253》工程技术
ASSEMBLY AUTO! Assembly Automation	0144-5154 工程技术
AT-AUTOM At-Automatisierungstechnik	0178-2312 工程技术
ATOM ENERGY+ Atomic Energy	1063-4258 工程技术
ATOMIZATION SPI Atomization and Sprays	1044-5110 工程技术
ATW-INT J NUCL P Atw-International Journal For Nuclear Power	1431-5254 工程技术
AUST J DAIRY TEC Australian Journal of Dairy Technology	0004-9433 工程技术
AUSTRALAS PHYS Australasian Physical & Engineering Sciences in Medic	
AUTOMAT REM C(Automation and Remote Control	0005-1179 工程技术
B ENG GEOL ENVI Bulletin of Engineering Geology and the Environment	1435-9529 工程技术
B MATER SCI Bulletin of Materials Science	0250-4707 工程技术
B POL ACAD SCI-T Bulletin of the Polish Academy of Sciences-Technical S	
BAUINGENIEUR-G Bauingenieur	0005-6650 工程技术
BAUPHYSIK Bauphysik	0171-5445 工程技术
BAUTECHNIK Bautechnik	0932-8351 工程技术
BEHAV INFORM TIBehaviour & Information Technology	0144-929》工程技术
BELL LABS TECH JBell Labs Technical Journal	1089-7089 工程技术
BETON- STAHLBE Beton- Und Stahlbetonbau	0005-9900 工程技术
BIOFUTUR Biofutur	0294-3506 工程技术
BIO-MED MATER FBio-Medical Materials and Engineering	0959-2989 工程技术
BIOMED SIGNAL P Biomedical Signal Processing and Control	1746-8094 工程技术
BIOTECHNOL BIO Biotechnology & Biotechnological Equipment	1310-2818 工程技术
BIOTECHNOL LAW Biotechnology Law Report	0730-031》工程技术
BOL SOC ESP CER/Boletin De La Sociedad Espanola De Ceramica Y Vidri	

BRAZ J CHEM ENG Brazilian Journal of Chemical Engineering	0104-6632 工程技术
BRIT FOOD J British Food Journal	0007-070%工程技术
BT TECHNOL J Bt Technology Journal	1358-3948 工程技术
BUILD SERV ENG I Building Services Engineering Research & Techn	
BUS INFORM SYST Business & Information Systems Engineering	1867-0202 工程技术
BWK-ENERGIE-FA/Bwk	1618-1937工程技术
CAN J CHEM ENG Canadian Journal of Chemical Engineering	0008-4034 工程技术
CAN J CIVIL ENG Canadian Journal of Civil Engineering	0315-1468 工程技术
CAN J ELECT COM Canadian Journal of Electrical and Computer Eng CAN J REMOTE SEl Canadian Journal of Remote Sensing	
	1712-7971 工程技术 0008-4433 工程技术
CAN METALL QUA Canadian Metallurgical Quarterly CAN MIN J Canadian Mining Journal	0008-4492 工程技术
CELL CHEM TECHI Cellulose Chemistry and Technology	0576-9787 工程技术
CELL POLYM Cellular Polymers	0262-4893 工程技术
CERAM-SILIKATY Ceramics-Silikaty	0862-5468 工程技术
CEREAL FOOD WC Cereal Foods World	0146-6283 工程技术
CFI-CERAM FORUNCFi-Ceramic Forum International	0173-9913 工程技术
CHALCOGENIDE L Chalcogenide Letters	1584-8663 工程技术
CHEM BIOCHEM E Chemical and Biochemical Engineering Quarterly	
CHEM ENG COMM Chemical Engineering Communications	0098-6445 工程技术
CHEM ENG NEWS Chemical & Engineering News	0009-2347 工程技术
CHEM ENG PROG Chemical Engineering Progress	0360-7275 工程技术
CHEM ENG RES DE Chemical Engineering Research & Design	0263-8762 工程技术
CHEM ENG-NEW Y Chemical Engineering	0009-2460 工程技术
CHEM PROCESS El Inzynieria Chemiczna I Procesowa	0208-6425 工程技术
CHEM TECH FUEL: Chemistry and Technology of Fuels and Oils	0009-3092 工程技术
CHEM-ING-TECH Chemie Ingenieur Technik	0009-286》工程技术
CHINA COMMUN China Communications	1673-5447 工程技术
CHINA FOUNDRY China Foundry	1672-6421 工程技术
CHINA OCEAN EN(China Ocean Engineering	0890-5487 工程技术
CHINA PET PROCE China Petroleum Processing & Petrochemical Te	
CHINESE J AERON Chinese Journal of Aeronautics	1000-9361 工程技术
CHINESE J CATAL Chinese Journal of Catalysis	0253-9837 工程技术
CHINESE J CHEM F Chinese Journal of Chemical Engineering	1004-9541 工程技术
CHINESE J ELECTR Chinese Journal of Electronics	1022-4653 工程技术
CIN-COMPUT INFC Cin-Computers Informatics Nursing	1538-2931 工程技术
CIRC SYST SIGNAI Circuits Systems and Signal Processing	0278-081》 工程技术
CIRCUIT WORLD Circuit World	0305-6120 工程技术
CIV ENG ENVIRON Civil Engineering and Environmental Systems	1028-6608 工程技术
CIVIL ENG Civil Engineering	0885-7024 工程技术
CLUSTER COMPUTCluster Computing-The Journal of Networks Soft	tware Tc1386-7857 工程技术
COAL PREP Coal Preparation	0734-9343 工程技术
COAST ENG J Coastal Engineering Journal	0578-5634 工程技术
COLOR RES APPL Color Research and Application	0361-2317工程技术
COLOR TECHNOL Coloration Technology	1472-3581 工程技术
COMBUST EXPLO Combustion Explosion and Shock Waves	0010-5082 工程技术
COMBUST SCI TEC Combustion Science and Technology	0010-2202 工程技术
COMMUN NEWS Communications News	0010-3632 工程技术
COMMUN NUMER Communications in Numerical Methods in Engin	
COMPEL Compel-The International Journal For Computati	
COMPOS INTERFA Composite Interfaces	0927-6440 工程技术

COMPUT ANIMAT Computer Animation and Virtual Worlds	1546-4261 工程技术
COMPUT APPL EN(Computer Applications in Engineering Education	1061-3773 工程技术
COMPUT COMMUN Computer Communications	0140-3664 工程技术
COMPUT COMMUN Computer Communication Review	0146-4833 工程技术
COMPUT CONCRE' Computers and Concrete	1598-8198 工程技术
COMPUT ELECTR 1 Computers & Electrical Engineering	0045-7906工程技术
COMPUT GRAPH WComputer Graphics World	0271-4159 工程技术
COMPUT GRAPH-U Computers & Graphics-Uk	0097-8493 工程技术
COMPUT IND ENG Computers & Industrial Engineering	0360-8352 工程技术
COMPUT INFORM Computing and Informatics	1335-9150 工程技术
COMPUT LANG SY Computer Languages Systems & Structures	1477-8424 工程技术
COMPUT MATH AF Computers & Mathematics With Applications	0898-1221 工程技术
COMPUT MUSIC J Computer Music Journal	0148-9267 工程技术
COMPUT SCI ENG Computing in Science & Engineering	1521-9615 工程技术
COMPUT STAND It Computer Standards & Interfaces	0920-5489 工程技术
COMPUT SYST SCI Computer Systems Science and Engineering	0267-6192 工程技术
COMPUTING Computing	0010-485%工程技术
CONCURRENT EN(Concurrent Engineering-Research and Applications	1063-293》工程技术
CONNECTOR SPEC Connector Specifier	1078-1528 工程技术
CONTROL AUTOM Control & Automation	0956-3385 工程技术
CONTROL CYBERN Control and Cybernetics	0324-8569 工程技术
CONTROL ENG Control Engineering	0010-8049 工程技术
CORROS ENG SCI 7 Corrosion Engineering Science and Technology	1478-4227工程技术
CORROS REV Corrosion Reviews	0334-6005 工程技术
CORROSION Corrosion	0010-9312 工程技术
CRYPTOLOGIA Cryptologia	0161-1194 工程技术
CYBERNET SYST Cybernetics and Systems	0196-9722 工程技术
CZECH J FOOD SCI Czech Journal of Food Sciences	1212-1800 工程技术
DES AUTOM EMBE Design Automation For Embedded Systems	0929-5585 工程技术
DESALIN WATER 7Desalination and Water Treatment	1944-3994 工程技术
DESIGN CODE CRYDesigns Codes and Cryptography	0925-1022 工程技术
DESIGN CODE ON The signs codes and cryptography DESIGN STUD Design Studies	0142-694》工程技术
DEUT LEBENSM-R Deutsche Lebensmittel-Rundschau	0012-0413 工程技术
DIGIT INVEST Digital Investigation	1742-2876 工程技术
DISTRIB PARALLE Distributed and Parallel Databases	0926-8782 工程技术
DR DOBBS J Dr Dobbs Journal	1044-789》工程技术
DYNA-BILBAO Dyna	0012-7361 工程技术
DYNA-COLOMBIA Dyna-Colombia	0012-7353 工程技术
EARTHQ ENG ENG Earthquake Engineering and Engineering Vibration	1671-3664 工程技术
EDN Edn	0012-7515 工程技术
EE-EVAL ENG Ee-Evaluation Engineering	0149-0370 工程技术
ELECTR COMMUN Electronics and Communications in Japan	1942-9533 工程技术
ELECTR ENG Electrical Engineering	0948-7921 工程技术
ELECTR ENG JPN Electrical Engineering in Japan ELECTR POW COMElectric Power Components and Systems	0424-7760 工程技术 1532-5008 工程技术
ELECTR POW SYSTElectric Power Systems Research	0378-7796 工程技术
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ELECTROMAGNET Electromagnetics	0272-6343 工程技术
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ENERG SOURCE P/Energy Sources Part A-Recovery Utilization and Environ 1556-7036 工程技术
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ENG INTELL SYST Engineering Intelligent Systems For Electrical Engineerin 1472-8915 工程技术
                Engineering Journal-American Institute of Steel Construc 0013-8029 工程技术
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EURASIP J WIREL (Eurasip Journal On Wireless Communications and Netwo 1687-1499 工程技术
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FATIGUE FRACT E Fatigue & Fracture of Engineering Materials & Structure 8756-758》 工程技术
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GOSPOD SUROWC. Gospodarka Surowcami Mineralnymi-Mineral Resources 0860-0953 工程技术
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IEEE J OCEANIC El leee Journal of Oceanic Engineering
                                                            0364-9059 工程技术
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IEEE T COMPON Paleee Transactions On Components and Packaging Techno 1521-3331 工程技术
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IEEE T DIELECT EI leee Transactions On Dielectrics and Electrical Insulation1070-9878 工程技术
                                                            0018-9359 工程技术
IEEE T INSTRUM Meee Transactions On Instrumentation and Measurement 0018-9456 工程技术
                                                            0894-6507 工程技术
IEEE T VLSI SYST Ieee Transactions On Very Large Scale Integration (Vlsi) 1063-8210 工程技术
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IEEJ T ELECTR ELF Ieej Transactions On Electrical and Electronic Engineerir 1931-4973 工程技术
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IEICE T FUND ELE(Ieice Transactions On Fundamentals of Electronics Com 0916-8508 工程技术
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INFORM MIDEM Informacije Midem-Journal of Microelectronics Electron 0352-9045 工程技术
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INT J AD HOC UBI(International Journal of Ad Hoc and Ubiquitous Computi 1743-8225 工程技术
INT J ADV MANUF International Journal of Advanced Manufacturing Techno 0268-3768 工程技术
INT J AP MAT COMInternational Journal of Applied Mathematics and Compt 1641-876》工程技术
                                                            1558-3058 工程技术
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                                                            1542-6580 工程技术
INT J CLOTH SCI T. International Journal of Clothing Science and Technolog 0955-6222 工程技术
INT J COAL PREP Unternational Journal of Coal Preparation and Utilization 1939-2699 工程技术
                                                            1074-5351 工程技术
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INT J COMPUT COl International Journal of Computers Communications & C 1841-9836 工程技术
INT J COMPUT INT International Journal of Computational Intelligence Syste 1875-6883 工程技术
INT J COMPUT INT International Journal of Computer Integrated Manufactur 0951-192》工程技术
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INT J CONTROL At International Journal of Control Automation and Systems 1598-6446 工程技术
INT J COOP INF SY International Journal of Cooperative Information Systems0218-8430 工程技术
                                                                  1358-8265 工程技术
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INT J ELEC ENG El International Journal of Electrical Engineering Education 0020-7209 工程技术
INT J ELEC POWER International Journal of Electrical Power & Energy Syste 0142-0615 工程技术
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INT J FLEX MANUI International Journal of Flexible Manufacturing Systems 0920-6299 工程技术
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                                                                  0963-7486 工程技术
INT J FOUND COM International Journal of Foundations of Computer Scienc 0129-0541 工程技术
                                                                  0308-1079 工程技术
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INT J IMAG SYST T International Journal of Imaging Systems and Technology0899-9457 工程技术
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INT J INF TECH DE International Journal of Information Technology & Decis 0219-6220 工程技术
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INT J MATER PROI International Journal of Materials & Product Technology 0268-1900 工程技术
                                                                   1862-5282 工程技术
                                                                  1939-5981 工程技术
INT J MIN MET MA International Journal of Minerals Metallurgy and Materia 1674-4799 工程技术
INT J MULTISCALF International Journal For Multiscale Computational Engil 1543-1649 工程技术
INT J NUMER MET International Journal of Numerical Methods For Heat & 10961-5539 工程技术
INT J NUMER MOD International Journal of Numerical Modelling-Electronic 0894-3370 工程技术
INT J OFFSHORE P(International Journal of Offshore and Polar Engineering 0370-047) 工程技术
                                                                   1559-9612 工程技术
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INT J PATTERN RE International Journal of Pattern Recognition and Artificia 0218-0014 工程技术
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                                                                  0143-1161 工程技术
INT J RF MICROW (International Journal of Rf and Microwave Computer-Aic 1096-4290 工程技术
                                                                  0826-8185 工程技术
INT J ROCK MECH International Journal of Rock Mechanics and Mining Sci 1365-1609 工程技术
INT J SATELL COM International Journal of Satellite Communications and N€ 1542-0973 工程技术
INT J SOFTW ENG International Journal of Software Engineering and Know 0218-1940 工程技术
                                                                  1598-2351 工程技术
INT J STRUCT STA International Journal of Structural Stability and Dynamic 0219-4554 工程技术
INT J SURF SCI EN(International Journal of Surface Science and Engineering 1749-785) 工程技术
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INT J TECHNOL DE International Journal of Technology and Design Educatio 0957-7572 工程技术
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0334-0082 工程技术
INT J UNCERTAIN International Journal of Uncertainty Fuzziness and Know 0218-4885 工程技术
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INT J WAVELETS NInternational Journal of Wavelets Multiresolution and Inf 0219-6913 工程技术
INT POLYM PROC International Polymer Processing
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                                                              1827-6660 工程技术
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                                                              1079-8587 工程技术
                                                              1088-467》 工程技术
                 Internet Research-Electronic Networking Applications ar 1066-2243 工程技术
                                                              1741-5977 工程技术
IRAN J CHEM CHE Iranian Journal of Chemistry & Chemical Engineering-In 1021-9986 工程技术
IRAN J SCI TECHN(Iranian Journal of Science and Technology Transaction E 1028-6284 工程技术
                                                              0301-9233 工程技术
                                                              0019-0578 工程技术
ISI BILIM TEK DER Isi Bilimi Ve Teknigi Dergisi-Journal of Thermal Science 1300-3615 工程技术
                                                              0915-1559 工程技术
                                                              1120-1770 工程技术
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                                                              0021-8464 工程技术
                                                              1346-8014 工程技术
                                                              1070-9789 工程技术
J ADV MECH DES SJournal of Advanced Mechanical Design Systems and M: 1881-3054 工程技术
                                                              0197-6729 工程技术
                                                              0893-1321 工程技术
                                                              0021-8669 工程技术
                                                              0196-6774 工程技术
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J AM SOC BREW Cl Journal of the American Society of Brewing Chemists
                                                              0361-0470 工程技术
                                                              0003-150%工程技术
                                                              1665-6423 工程技术
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JBRAZ SOC MECH Journal of the Brazilian Society of Mechanical Sciences ¿1678-5878 工程技术
                                                              1084-0702 工程技术
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                                                              1005-9784 工程技术
                                                              1229-9162 工程技术
J CERAM PROCESS Journal of Ceramic Processing Research
                                                              1882-0743 工程技术
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0021-9592 工程技术
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J CHIN SOC MECH Journal of the Chinese Society of Mechanical Engineers 0257-9731 工程技术
                                                               0218-1266 工程技术
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                                                               0887-381》 工程技术
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J COMMUN TECHN Journal of Communications Technology and Electronics 1064-2269 工程技术
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                                                               1090-0268 工程技术
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                                                               0887-3801 工程技术
J COMPUT INF SCI Journal of Computing and Information Science in Engine 1530-9827 工程技术
                                                               1555-1423 工程技术
                                                               1000-9000 工程技术
J COMPUT SYS SC Journal of Computer and Systems Sciences International 1064-2307 工程技术
                                                               0928-1045 工程技术
J CONSTR ENG M / Journal of Construction Engineering and Management-A 0733-9364 工程技术
                                                               0143-974% 工程技术
                                                               1525-7886 工程技术
                                                               1079-2724 工程技术
J DYN SYST-T ASM Journal of Dynamic Systems Measurement and Control-10022-0434 工程技术
                                                               1363-2469 工程技术
                                                               0374-3535 工程技术
                                                               0095-2443 工程技术
J ELECTR ENG-SL(Journal of Electrical Engineering-Elektrotechnicky Caso; 1335-3632 工程技术
                                                               1385-3449 工程技术
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                                                               0923-8174 工程技术
                                                               0733-9402 工程技术
                                                               0737-0652 工程技术
J ENERG RESOUR-Journal of Energy Resources Technology-Transactions of 0195-0738 工程技术
                                                               1743-9671 工程技术
                                                               1558-9250 工程技术
J ENG GAS TURB P Journal of Engineering For Gas Turbines and Power-Trai 0742-4795 工程技术
JENG MATER-T AS Journal of Engineering Materials and Technology-Transa 0094-4289 工程技术
                                                               0022-0833 工程技术
                                                               0733-9399 工程技术
                                                               0747-9964 工程技术
                                                               1065-5131 工程技术
                                                               1041-2905 工程技术
                                                               1745-8080 工程技术
JEXP THEOR ARTI Journal of Experimental & Theoretical Artificial Intellige 0952-813》 工程技术
                                                               1042-3915 工程技术
                                                               0734-9041 工程技术
J FLUID ENG-T ASN Journal of Fluids Engineering-Transactions of the Asme 0098-2202 工程技术
                                                               0015-6426 工程技术
J FOOD HYG SOC J Journal of the Food Hygienic Society of Japan
                                                               1065-7258 工程技术
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0145-8876 工程技术
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                                                            0022-1155 工程技术
                Journal of the Franklin Institute-Engineering and Applied 0016-0032 工程技术
                                                            1550-624% 工程技术
                                                            0164-0313 工程技术
                                                            1742-2132 工程技术
J GEOTECH GEOEN Journal of Geotechnical and Geoenvironmental Engineer 1090-0241 工程技术
                                                            1381-1231 工程技术
                                                            0926-6801 工程技术
                                                            0270-5214 工程技术
                                                            0022-1686 工程技术
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                                                            0046-9750 工程技术
JI TELECOMMUN Journal of the Institute of Telecommunications Professio 1755-9278 工程技术
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J JPN SOC FOOD S(Journal of the Japanese Society For Food Science and Te 1341-027》工程技术
                                                            0915-1168 工程技术
J KOREAN INST MI Journal of the Korean Institute of Metals and Materials
                                                            1738-8228 工程技术
                                                            1880-0688 工程技术
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                                                            0955-7922 工程技术
                                                            0950-4230 工程技术
                                                            0022-2348 工程技术
                                                            0742-597》 工程技术
J MANUF SCI E-T AJournal of Manufacturing Science and Engineering-Trans 1087-1357 工程技术
                                                            0278-6125 工程技术
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                                                            0948-4280 工程技术
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1537-1646 工程技术
J MIN METALL B Journal of Mining and Metallurgy Section B-Metallurgy 1450-5339 工程技术
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                                                                0929-8215 工程技术
                                                                0195-9298 工程技术
                                                                0022-3131 工程技术
J OFFSHORE MECF Journal of Offshore Mechanics and Arctic Engineering-T 0892-7219 工程技术
                                                                 1943-0620 工程技术
                                                                1454-4164 工程技术
J ORG COMP ELEC Journal of Organizational Computing and Electronic Con 1091-9392 工程技术
                                                                0743-7315 工程技术
                                                                0887-3828 工程技术
                                                                0920-4105 工程技术
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                                                                1380-2224 工程技术
                                                                1091-028%工程技术
J PRESS VESS-T AS Journal of Pressure Vessel Technology-Transactions of tl 0094-9930 工程技术
J PROF ISS ENG ED Journal of Professional Issues in Engineering Education : 1052-3928 工程技术
                                                                0748-4658 工程技术
                                                                0826-6220 工程技术
                                                                0731-6844 工程技术
J RES NATL INST S Journal of Research of the National Institute of Standards 1044-677》 工程技术
J RES PRACT INF T Journal of Research and Practice in Information Technol (1443-458) 工程技术
JS AFR I MIN MET. Journal of the South African Institute of Mining and Met 0038-223》 工程技术
JS AFR INST CIV E Journal of the South African Institution of Civil Engineer 1021-2019 工程技术
                                                                1099-6362 工程技术
                                                                0022-4456 工程技术
                                                                0887-8250 工程技术
                                                                0022-4502 工程技术
J SIGNAL PROCESS Journal of Signal Processing Systems For Signal Image a 1939-8018 工程技术
J SOC INF DISPLAYJournal of the Society For Information Display
                                                                1071-0922 工程技术
J SOC LEATH TECH Journal of the Society of Leather Technologists and Cher 0144-0322 工程技术
J SOFTW MAINT E'Journal of Software Maintenance and Evolution-Researcl 1532-060》 工程技术
J SOL ENERG-T AS Journal of Solar Energy Engineering-Transactions of the 0199-6231 工程技术
                                                                0971-1600 工程技术
                                                                0022-4650 工程技术
                                                                0309-3247 工程技术
                                                                0733-9445 工程技术
                                                                0920-8542 工程技术
J SURF INVEST-X-F Journal of Surface Investigation-X-Ray Synchrotron and 1027-4510 工程技术
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1097-3958 工程技术
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                                                             0733-947》工程技术
                                                             0742-4787 工程技术
                                                             0889-504》 工程技术
J UNIV SCI TECHN Journal of University of Science and Technology Beijing 1005-8850 工程技术
                                                             0948-695》 工程技术
                                                             0733-9488 工程技术
                Journal of Vibration and Acoustics-Transactions of the A 1048-9002 工程技术
                                                             1077-5463 工程技术
                                                             1392-8716 工程技术
                                                             1083-5601 工程技术
                                                             1045-926%工程技术
J VLSI SIG PROC S'Journal of Vlsi Signal Processing Systems For Signal Im: 0922-5773 工程技术
J WATERW PORT CJournal of Waterway Port Coastal and Ocean Engineering 0733-950》 工程技术
                                                             1540-9589 工程技术
J WIND ENG IND A Journal of Wind Engineering and Industrial Aerodynamic 0167-6105 工程技术
                                                             0277-3813 工程技术
                                                             1435-0211 工程技术
J WUHAN UNIV TE Journal of Wuhan University of Technology-Materials Sc 1000-2413 工程技术
                                                             0895-3996 工程技术
                                                             1673-565%工程技术
                                                             1547-0083 工程技术
                                                             0386-216》工程技术
KAGAKU KOGAKI Kagaku Kogaku Ronbunshu
               Kerntechnik
                                                             0932-3902 工程技术
KGK-KAUT GUMM Kgk-Kautschuk Gummi Kunststoffe
                                                             0948-3276 工程技术
KNOWL-BASED SY Knowledge-Based Systems
                                                             0950-7051 工程技术
                                                             0288-4534 工程技术
KOREA-AUST RHE Korea-Australia Rheology Journal
                                                             1226-119》 工程技术
                                                            0256-1115 工程技术
KSII T INTERNET Il Ksii Transactions On Internet and Information Systems
                                                            1976-7277 工程技术
                                                             0368-492% 工程技术
                Kybernetes
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MABS-AUSTIN	Mabs	1942-0862 工程技术
MACH SCI TECHN	Machining Science and Technology	1091-0344 工程技术
MACH VISION APP	Machine Vision and Applications	0932-8092 工程技术
MADERAS-CIENC	Maderas-Ciencia Y Tecnologia	0717-3644 工程技术
MAG CONCRETE F	R Magazine of Concrete Research	0024-9831 工程技术
MANUF ENG	Manufacturing Engineering	0361-0853 工程技术
MAPAN-J METROL	Mapan-Journal of Metrology Society of India	0970-3950 工程技术
MAR GEORESOUR	Marine Georesources & Geotechnology	1064-119%工程技术
MAR STRUCT	Marine Structures	0951-8339 工程技术
MAR TECHNOL SN	Marine Technology and Sname News	0025-3316工程技术
MAR TECHNOL SO	Marine Technology Society Journal	0025-3324 工程技术
MAT SCI SEMICON	Materials Science in Semiconductor Processing	1369-8001 工程技术
MATER CONSTRU	(Materiales De Construccion	0465-2746 工程技术
MATER CORROS	Materials and Corrosion-Werkstoffe Und Korrosion	0947-5117工程技术
MATER EVAL	Materials Evaluation	0025-5327 工程技术
MATER HIGH TEM	Materials At High Temperatures	0960-3409 工程技术
MATER MANUF PR	RMaterials and Manufacturing Processes	1042-6914 工程技术
MATER PERFORM	Materials Performance	0094-1492 工程技术
MATER RES INNO	Materials Research Innovations	1432-8917 工程技术
MATER SCI TECH-	Materials Science and Technology	0267-0836 工程技术
MATER SCI+	Materials Science	1068-820%工程技术
MATER SCI-MEDZ	(Materials Science-Medziagotyra	1392-1320 工程技术
	Materials Science-Poland	0137-1339 工程技术
MATER STRUCT	Materials and Structures	1359-5997 工程技术
MATER TECHNOL	Materials Technology	1066-7857 工程技术
MATER TEHNOL	Materiali in Tehnologije	1580-2949 工程技术
MATER TEST	Materials Testing-Materials and Components Technology	0025-5300 工程技术
MATER TRANS	Materials Transactions	1345-9678 工程技术
MATER WORLD	Materials World	0967-8638 工程技术
MATERIALWISS W	Materialwissenschaft Und Werkstofftechnik	0933-5137 工程技术
MATH MECH SOLI	Mathematics and Mechanics of Solids	1081-2865 工程技术
MATH PROBL ENG	Mathematical Problems in Engineering	1024-1237工程技术
	Mathematical Structures in Computer Science	0960-1295 工程技术
MEAS CONTROL-U	Measurement & Control	0020-2940 工程技术
MEAS TECH+	Measurement Techniques	0543-1972 工程技术
MEASUREMENT	Measurement	0263-2241 工程技术
MEC IND	Mecanique & Industries	1296-2139 工程技术
MECH ADV MATE	Mechanics of Advanced Materials and Structures	1537-6494 工程技术
MECH COMPOS M.	Mechanics of Composite Materials	0191-5665 工程技术
MECH ENG	Mechanical Engineering	0025-6501工程技术
MECH TIME-DEPE	Mechanics of Time-Dependent Materials	1385-2000 工程技术
MET SCI HEAT TR	Metal Science and Heat Treatment	0026-0673 工程技术
METAL INT	Metalurgia International	1582-2214 工程技术
METALL MATER T	Metallurgical and Materials Transactions B-Process Metal	1073-5615 工程技术
METALLOFIZ NOV	Metallofizika I Noveishie Tekhnologii	1024-1809 工程技术
METALLURGIST+	Metallurgist	0026-0894 工程技术
METALURGIJA	Metalurgija	0543-5846 工程技术
MICRO NANO LET	Micro & Nano Letters	1750-0443 工程技术
MICROELECTRON	Microelectronics International	1356-5362 工程技术
MICROELECTRON	Microelectronics Journal	0026-2692 工程技术
MICROGRAVITY S	Microgravity Science and Technology	0938-0108工程技术

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1074-407》工程技术
MICROPROCESS M Microprocessors and Microsystems
                                                             0141-9331 工程技术
                                                            0895-2477 工程技术
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OIL GAS SCI TECH Oil & Gas Science and Technology-Revue De L Institut 11294-4475 工程技术
                                                            0342-5622 工程技术
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OPTOELECTRON A Optoelectronics and Advanced Materials-Rapid Commur 1842-6573 工程技术
PICIVIL ENG-CIV Proceedings of the Institution of Civil Engineers-Civil Er 0965-089》工程技术
PICIVIL ENG-GEO Proceedings of the Institution of Civil Engineers-Geotech 1353-2618 工程技术
PICIVIL ENG-MAI Proceedings of the Institution of Civil Engineers-Maritim 1741-7597 工程技术
PICIVIL ENG-MUN Proceedings of the Institution of Civil Engineers-Municip 0965-0903 工程技术
PICIVIL ENG-STR Proceedings of the Institution of Civil Engineers-Structur 0965-0911 工程技术
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PICIVIL ENG-TRA Proceedings of the Institution of Civil Engineers-Transpc 0965-092》工程技术
PICIVIL ENG-WAI Proceedings of the Institution of Civil Engineers-Water N 1741-7589 工程技术
P I MECH ENG A-J | Proceedings of the Institution of Mechanical Engineers P 0957-6509 工程技术
PI MECH ENG B-J | Proceedings of the Institution of Mechanical Engineers P 0954-4054 工程技术
PI MECH ENG C-J | Proceedings of the Institution of Mechanical Engineers P 0954-4062 工程技术
PIMECH ENG D-J. Proceedings of the Institution of Mechanical Engineers P 0954-4070 工程技术
P I MECH ENG E-J I Proceedings of the Institution of Mechanical Engineers P 0954-4089 工程技术
P I MECH ENG F-J I Proceedings of the Institution of Mechanical Engineers P 0954-4097 工程技术
PIMECH ENG G-J. Proceedings of the Institution of Mechanical Engineers P 0954-4100 工程技术
PIMECH ENG I-J S Proceedings of the Institution of Mechanical Engineers P 0959-6518 工程技术
PIMECH ENG J-J F Proceedings of the Institution of Mechanical Engineers P 1350-6501 工程技术
PI MECH ENG K-J Proceedings of the Institution of Mechanical Engineers P 1464-4193 工程技术
PIMECH ENG L-J Proceedings of the Institution of Mechanical Engineers P 1464-4207 工程技术
                                                                0894-3214 工程技术
PACKAG TECHNOl Packaging Technology and Science
                                                                0031-1243 工程技术
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PHOTONIRVACHA Photonirvachak-Journal of the Indian Society of Remote 0255-660》工程技术
PHYS CHEM GLAS Physics and Chemistry of Glasses-European Journal of G1753-3562 工程技术
                                                                 0031-918%工程技术
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                                                                 1479-8344 工程技术
                                                                0032-5961 工程技术
                                                                 1434-2308 工程技术
                                                                0032-678% 工程技术
                  Precision Engineering-Journal of the International Societ 0141-6359 工程技术
PREP BIOCHEM BI (Preparative Biochemistry & Biotechnology
                                                                 1082-6068 工程技术
                                                                 1054-7460 工程技术
                                                                0032-9460 工程技术
                                                                 1066-8527 工程技术
                                                                0953-6639 工程技术
                                                                0149-1970 工程技术
                                                                0361-7688 工程技术
                                                                0033-0337 工程技术
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PROMET-ZAGREB Promet-Traffic & Transportation	0353-5320 工程技术
PROPELL EXPLOS Propellants Explosives Pyrotechnics	0721-3115 工程技术
PROT MET PHYS C Protection of Metals and Physical Chemistry of Surface	
PROT MET+ Protection of Metals	0033-1732 工程技术
PRZ ELEKTROTEC Przeglad Elektrotechniczny	0033-2097工程技术
PRZEM CHEM Przemysl Chemiczny	0033-2496工程技术
PULP PAP-CANAD, Pulp & Paper-Canada	0316-4004 工程技术
QUANTUM ELECTI Quantum Electronics	1063-7818工程技术
R&D MAG R&D Magazine	0746-9179 工程技术
RADIO SCI Radio Science	0048-6604工程技术
RADIOENGINEERII Radioengineering	1210-2512 工程技术
RAIRO-THEOR INF Rairo-Theoretical Informatics and Applications	0988-3754 工程技术
RAPID PROTOTYPI Rapid Prototyping Journal	1355-2546 工程技术
RARE METAL S	1002-185%工程技术
RARE METALS Rare Metals	1001-0521 工程技术
REAL-TIME SYST Real-Time Systems REFRACT IND CER Refractories and Industrial Ceramics	0922-6443 工程技术
REM-REV ESC MINRem-Revista Escola De Minas	1083-4877 工程技术
	0370-4467 工程技术
RES ENG DES Research in Engineering Design-Theory Applications a RES J BIOTECHNOl Research Journal of Biotechnology	0973-6263 工程技术
RES J BIOTECHNOTResearch Journal of Biotechnology RES NONDESTRUC Research in Nondestructive Evaluation	0934-9847 工程技术
REV ADV MATER ! Reviews On Advanced Materials Science	1606-5131 工程技术
REV CONSTR Revista De La Construccion	0717-7925 工程技术
REV FAC ING-UNI Revista Facultad De Ingenieria-Universidad De Antioqui	
REV IBEROAM AU' Revista Iberoamericana De Automatica E Informatica I	
REV INT METOD N Revista Internacional De Metodos Numericos Para Calo	
REV METAL MADFRevista De Metalurgia	0034-8570 工程技术
REV METALL-PAR Revue De Metallurgie-Cahiers D Informations Techniq	· ·
REV ROM MATER Revista Romana De Materiale-Romanian Journal of Ma	
REV ROUM SCI TE/Revue Roumaine Des Sciences Techniques-Serie Electr	
REV TEC FAC ING Revista Tecnica De La Facultad De Ingenieria Universi	
RIV ITAL SOSTANZRivista Italiana Delle Sostanze Grasse	0035-6808 工程技术
ROAD MATER PAVRoad Materials and Pavement Design	1468-0629 工程技术
ROBOTICA Robotica	0263-5747 工程技术
ROCK MECH ROCk Rock Mechanics and Rock Engineering	0723-2632 工程技术
ROM J INF SCI TEC Romanian Journal of Information Science and Technological Control of C	
RUBBER CHEM TE Rubber Chemistry and Technology	0035-9475 工程技术
RUSS J ELECTROC Russian Journal of Electrochemistry	1023-1935 工程技术
RUSS J NONDESTR Russian Journal of Nondestructive Testing	1061-8309 工程技术
RYNEK ENERGII Rynek Energii	1425-5960 工程技术
S AFR J ENOL VITI South African Journal of Enology and Viticulture	0253-939》工程技术
S AFR J IND ENG South African Journal of Industrial Engineering	1012-277》工程技术
SADHANA-ACAD F Sadhana-Academy Proceedings in Engineering Science	· ·
SAMPE J Sampe Journal	0091-1062 工程技术
SCANNING Scanning	0161-0457 工程技术
SCI ALIMENT Sciences Des Aliments	0240-8813 工程技术
SCI CHINA SER E Science in China Series E-Technological Sciences	1006-9321 工程技术
SCI CHINA SER F Science in China Series F-Information Sciences	1009-2757 工程技术
SCI ENG COMPOS Science and Engineering of Composite Materials	0334-1817工程技术
SCI IRAN Scientia Iranica	1026-3098 工程技术
SCI MODEL SIMUL Scientific Modeling and Simulations	1874-8554 工程技术

	Scientific Programming	1058-9244	
SCI SINTER	Science of Sintering	0350-820X	
	Sea Technology	0093-3651	
SEN-I GAKKAISHI		0037-9875	
	Sensors and Materials	0914-4935	
SENSOR REV	Sensor Review	0260-2288	
	Signal Processing-Image Communication	0923-5965	
	Simulation Modelling Practice and Theory	1569-190X	
	Simulation-Transactions of the Society For Modeling and	1738-1584	
	Smart Structures and Systems Smart Mation Imaging Journal		
SOFT COMPUT	Smpte Motion Imaging Journal	0036-1682 1432-7643	
	Software-Practice & Experience	0038-0644	
	Software Quality Journal	0963-9314	
	Soils and Foundations	0038-0806	
	Soldagem & Inspecao	0104-9224	
	Soldering & Surface Mount Technology	0954-0911	
	Solid State Technology	0038-111X	
	Solvent Extraction Research and Development-Japan	1341-7215	
	Space Communications	0924-8625	
	Spe Drilling & Completion	1064-6671	
SPE J	Spe Journal	1086-055X	
	Spe Production & Operations	1930-1855	
	Spe Reservoir Evaluation & Engineering	1094-6470	
	Speech Communication	0167-6393	
STAHL EISEN	Stahl Und Eisen	0340-4803	
STAHLBAU	Stahlbau	0038-9145	
STARCH-STARKE		0038-9056	
	Steel and Composite Structures	1229-9367	
STEEL RES INT	Steel Research International	1611-3683	
STRAIN	Strain	0039-2103	
STROJ VESTN-J ME	Strojniski Vestnik-Journal of Mechanical Engineering	0039-2480	
STROJARSTVO	Strojarstvo	0562-1887	
STRUCT CONTROL	Structural Control & Health Monitoring	1545-2255	工程技术
	Structural Design of Tall and Special Buildings	1541-7794	
STRUCT ENG MEC	Structural Engineering and Mechanics	1225-4568	
STRUCT INFRASTE	Structure and Infrastructure Engineering	1573-2479	工程技术
SURF ENG	Surface Engineering	0267-0844	工程技术
SURF REV LETT	Surface Review and Letters	0218-625X	工程技术
SYNTH REACT INC	Synthesis and Reactivity in Inorganic Metal-Organic and	1553-3174	工程技术
SYSTEMS ENG	Systems Engineering	1098-1241	工程技术
T CAN SOC MECH	Transactions of the Canadian Society For Mechanical En	0315-8977	工程技术
T FAMENA	Transactions of Famena	1333-1124	工程技术
T I MEAS CONTRO	Transactions of the Institute of Measurement and Control	10142-3312	工程技术
T I MET FINISH	Transactions of the Institute of Metal Finishing	0020-2967	工程技术
T INDIAN CERAM	Transactions of the Indian Ceramic Society	0371-750X	工程技术
	Transactions of the Japan Society For Aeronautical and S	0549-3811	工程技术
	Transactions of Nonferrous Metals Society of China	1003-6326	
TAPPI J	Tappi Journal	0734-1415	
TCE-THE CHEM EN		0302-0797	
TEK DERGI	Teknik Dergi	1300-3453	工程技术

	YTekstil Ve Konfeksiyon	1300-3356 工程技术
TEKSTIL	Tekstil	0492-5882 工程技术
	Telecommunications Policy	0308-5961 工程技术
	Telecommunication Systems	1018-4864 工程技术
	Tenside Surfactants Detergents	0932-3414 工程技术
	Tetsu to Hagane-Journal of the Iron and Steel Institute of	
TEXT RES J	Textile Research Journal	0040-5175 工程技术
	C Theoretical and Applied Fracture Mechanics	0167-8442 工程技术
	STheoretical Computer Science	0304-3975 工程技术
	Theory of Computing Systems	1432-4350 工程技术
	I Theoretical Foundations of Chemical Engineering	0040-5795 工程技术
THERM SCI		0354-9836 工程技术
	(Thin-Walled Structures	0263-8231 工程技术
	Tm-Technisches Messen	0171-8096工程技术
	Traitement Du Signal	0765-0019 工程技术
	N Transportation Planning and Technology	0308-1060 工程技术
	O Transport in Porous Media	0169-3913 工程技术
	RTransportation Research Record	0361-1981 工程技术
	C Tribology & Lubrication Technology	1545-858》工程技术
TRIBOL T	Tribology Transactions	1040-2004 工程技术
	S Tunnelling and Underground Space Technology	0886-7798 工程技术
VACUUM	Vacuum	0042-2077 工程技术
	Vehicle System Dynamics	0042-3114 工程技术
	Vision Tecnologica	1315-0855 工程技术
VISUAL COMPUT	^	0178-2789 工程技术
WATER INT	Water International	0250-8060 工程技术
WELD J	Welding Journal	0043-2296 工程技术
WIND STRUCT		1226-6116 工程技术
WIREL NETW	Wireless Networks	1022-0038 工程技术
	Wireless Personal Communications	0929-6212 工程技术
	E Wochenblatt Fur Papierfabrikation	0043-7131 工程技术
	Wood and Fiber Science	0735-6161 工程技术
WOOD RES-SLOVA		1336-4561 工程技术
	World Journal of Microbiology & Biotechnology	0959-3993 工程技术
	World Wide Web-Internet and Web Information Systems	
ZKG INT	Zkg International	0949-0205 工程技术
ZUCKERINDUSTR		0344-8657 工程技术
J OPER MANAG MANAGE SCI	Journal of Operations Management	0272-6963 管理科学
	Management Science	0025-1909 管理科学
	Omega-International Journal of Management Science	0305-0483 管理科学 1059-1478 管理科学
ENERG POLICY	A Production and Operations Management Energy Policy	
EUR J OPER RES		0301-4215 管理科学 0377-2217 管理科学
FOOD POLICY	European Journal of Operational Research Food Policy	0306-9192 管理科学
HUM FACTORS	Human Factors	0018-7208 管理科学
	International Journal of Production Economics	0925-5273 管理科学
	Nournal of Product Innovation Management Journal of Quality Technology	0737-6782 管理科学
	S M&Som-Manufacturing & Service Operations Managem	0022-4065 管理科学
OPER RES	Operations Research	0030-364》管理科学
	Reliability Engineering & System Safety	0951-8320 管理科学
TELLIA ENO SISI	Tondonity Engineering & System Salety	∪∪□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

SCIENTOMETRICS	Scientometrics	0138-9130	
SOC STUD SCI	Social Studies of Science	0306-3127	管理科学
TECHNOVATION	Technovation	0166-4972	管理科学
AM J AGR ECON	American Journal of Agricultural Economics	0002-9092	管理科学
AUST J AGR RES	Australian Journal of Agricultural Research	0004-9409	管理科学
AUST J AGR RESO	Australian Journal of Agricultural and Resource Econom		
BIOL PHILOS	Biology & Philosophy	0169-3867	
BRIT J PHILOS SCI	British Journal For the Philosophy of Science	0007-0882	
ECONOMET REV	Econometric Reviews	0747-4938	
ENG OPTIMIZ	Engineering Optimization	0305-215X	
	European Review of Agricultural Economics	0165-1587	
	Finance and Stochastics	0949-2984	
	Leee Transactions On Engineering Management	0018-9391	
	Insurance Mathematics & Economics	0167-6687	
J AGR ECON	Journal of Agricultural Economics	0021-857X	
	Journal of Agricultural Economics Journal of Engineering and Technology Management	0923-4748	
	Journal of Industrial and Management Optimization		
J OPER RES SOC		1547-5816	
	Journal of the Operational Research Society	0160-5682	
MATH OPER RES	Mathematics of Operations Research	0364-765X	
OR SPECTRUM	Or Spectrum	0171-6468	
	Oxford Bulletin of Economics and Statistics	0305-9049	
SAFETY SCI	Safety Science	0925-7535	
TECHNOMETRICS		0040-1706	
	4or-A Quarterly Journal of Operations Research	1619-4500	
	Agricultural Economics	0169-5150	
ANN OPER RES	Annals of Operations Research	0254-5330	
	Archive For History of Exact Sciences	0003-9519	
	Asia-Pacific Journal of Operational Research	0217-5959	
	Canadian Journal of Agricultural Economics-Revue Cana		
	Central European Journal of Operations Research	1435-246X	
	Discrete Optimization	1572-5286	
ECONOMET J	Econometrics Journal	1368-4221	
	Human Factors and Ergonomics in Manufacturing	1090-8471	
INFOR	Infor	0315-5986	
	Information Technology and Libraries	0730-9295	
INT J PROD RES	International Journal of Production Research	0020-7543	
	International Journal of Technology Management	0267-5730	
INTERFACES	Interfaces	0092-2102	
ISIS	Isis	0021-1753	
ISSUES SCI TECHN	Issues in Science and Technology	0748-5492	管理科学
	Journal of Agriculture and Rural Development in the Tro		
J HIST MED ALL SO	Journal of the History of Medicine and Allied Sciences	0022-5045	管理科学
J MATH ECON	Journal of Mathematical Economics	0304-4068	
J OPER RES SOC JF	Journal of the Operations Research Society of Japan	0453-4514	管理科学
J SYST SCI SYST E	Journal of Systems Science and Systems Engineering	1004-3756	管理科学
MIL OPER RES	Military Operations Research	0275-5823	
NAV RES LOG	Naval Research Logistics	0894-0693	管理科学
OPER RES LETT	Operations Research Letters	0167-6377	管理科学
OPTIM LETT	Optimization Letters	1862-4472	管理科学
OSIRIS	Osiris	0369-7827	管理科学
PHILOS SCI	Philosophy of Science	0031-8248	管理科学

QUAL QUANT QUAL RELIAB ENC RAIRO-OPER RES RES TECHNOL MA REV AGR ECON SORT-STAT OPER I STUD HIST PHILOS	Production Planning & Control Quality & Quantity Quality and Reliability Engineering International Rairo-Operations Research Research-Technology Management Review of Agricultural Economics Sort-Statistics and Operations Research Transactions Studies in History and Philosophy of Science Synthese Top	0953-7287 0033-5177 0748-8017 0399-0559 0895-6308 1058-7195 1696-2281 0039-3681 0039-7857 1134-5764	管理科学学管理科学学学管理科科学学学学学学学学学学学学学学学学学学学学学学学学
	Travail Humain	0041-1868	
	Accounts of Chemical Research	0001-4842	
	Acta Crystallographica Section A	0108-7673	
ALDRICHIM ACTA		0002-5100	
	Angewandte Chemie-International Edition	1433-7851	
	Annual Review of Physical Chemistry	0066-426X	. – •
	Catalysis Reviews-Science and Engineering	0161-4940	,
	Chemical Reviews	0009-2665	, - 4
	Chemical Society Reviews	0306-0012	•
	Coordination Chemistry Reviews	0010-8545	. – •
	Energy & Environmental Science	1754-5692	
	International Reviews in Physical Chemistry	0144-235X	
	Journal of the American Chemical Society	0002-7863	化学
Ј РНОТОСН РНОТО	Journal of Photochemistry and Photobiology C-Photoche	1389-5567	化学
NAT PROD REP	Natural Product Reports	0265-0568	化学
PROG POLYM SCI	Progress in Polymer Science	0079-6700	化学
	Surface Science Reports	0167-5729	化学
	Trac-Trends in Analytical Chemistry	0165-9936	. – •
	Advances in Catalysis	0360-0564	
	Advances in Colloid and Interface Science	0001-8686	. – •
	Advances in Inorganic Chemistry	0898-8838	•
	Advances in Organometallic Chemistry	0065-3055	. – •
	Advances in Polymer Science	0065-3195	• - •
	Advanced Synthesis & Catalysis	1615-4150	
ANAL CHEM	Analytical Chemistry	0003-2700	
ANALYST	Analyst	0003-2654	
BIOMACROMOLEC		1525-7797	
	Chemical Communications	1359-7345	
CHEM-EUR J	Chemistry-An Asian Journal Chemistry-A European Journal	1861-4728 0947-6539	
CHEMPHYSCHEM		1439-4235	
CHEMITATISCHEM	A V	1864-5631	
	Crystal Growth & Design	1528-7483	
CRYSTENGCOMM		1466-8033	. – •
	Current Opinion in Colloid & Interface Science	1359-0294	•
	Dalton Transactions	1477-9226	
FARADAY DISCUS		1364-5498	
	Green Chemistry	1463-9262	. – •
INORG CHEM	Inorganic Chemistry	0020-1669	. – •
	Journal of Analytical Atomic Spectrometry	0267-9477	. – •
J BIOL INORG CHE	Journal of Biological Inorganic Chemistry	0949-8257	化学

J MOL CATAL A-Cl Journal of Molecular Catalysis A-Chemical	1381-1169 化学
J MOL MODEL Journal of Molecular Modeling	1610-2940 化学
J ORGANOMET CH Journal of Organometallic Chemistry	0022-328》化学
J PHOTOCH PHOTC Journal of Photochemistry and Photobiology A-Chemis	stry1010-6030 化学
J PHYS CHEM A Journal of Physical Chemistry A	1089-5639 化学
J PHYS CHEM REF Journal of Physical and Chemical Reference Data	0047-2689 化学
J SEP SCI Journal of Separation Science	1615-9306 化学
J SOLID STATE CH Journal of Solid State Chemistry	0022-4596 化学
MACROMOL CHEN Macromolecular Chemistry and Physics	1022-1352 化学
MAR CHEM Marine Chemistry	0304-4203 化学
MATCH-COMMUN Match-Communications in Mathematical and in Comp	ut: 0340-6253 化学
MICROCHEM J Microchemical Journal	0026-265》化学
MICROCHIM ACTA Microchimica Acta	0026-3672 化学
MICROPOR MESOF Microporous and Mesoporous Materials	1387-1811 化学
MOL DIVERS Molecular Diversity	1381-1991 化学
NEW J CHEM New Journal of Chemistry	1144-0546 化学
ORG PROCESS RES Organic Process Research & Development	1083-6160 化学
POLYHEDRON Polyhedron	0277-5387 化学
POLYM DEGRAD S Polymer Degradation and Stability	0141-3910 化学
POLYMER Polymer	0032-3861 化学
PROG SOLID STAT Progress in Solid State Chemistry	0079-6786 化学
PURE APPL CHEM Pure and Applied Chemistry	0033-4545 化学
RAPID COMMUN N Rapid Communications in Mass Spectrometry	0951-4198 化学
RUSS CHEM REV+ Russian Chemical Reviews	0036-021》化学
SYNLETT Synlett	0936-5214 化学
SYNTHESIS-STUTT Synthesis-Stuttgart	0039-7881 化学
TALANTA Talanta	0039-9140 化学
TETRAHEDRON Tetrahedron	0040-4020 化学
TETRAHEDRON LETetrahedron Letters	0040-4039 化学
TETRAHEDRON-A: Tetrahedron-Asymmetry	0957-4166 化学
THEOR CHEM ACC Theoretical Chemistry Accounts	1432-881》化学
TOP CATAL Topics in Catalysis	1022-5528 化学
ULTRASON SONO(Ultrasonics Sonochemistry	1350-4177 化学
ACTA CHIM SINIC, Acta Chimica Sinica	0567-7351 化学
ACTA CHIM SLOV Acta Chimica Slovenica	1318-0207 化学
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ACTA CHROMATO Acta Chromatographica ACTA CRYSTALLC Acta Crystallographica Section C-Crystal Structure Co.	1233-2356化学
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ACTA CRYSTALLC Acta Crystallographica Section E-Structure Reports On ACTA PHYS-CHIM Acta Physico-Chimica Sinica	1000-5308 化学
v v	1000-8818 化学
ACTIAL CHIMIOU A ctuality Chimious	0151-9093 化学
ACTUAL CHIMIQU Actualite Chimique	, _ ,
ADV CHROMATOC Advances in Chromatography	0065-2415 化学
ADV QUANTUM Cl Advances in Quantum Chemistry	0065-3276 化学
AFINIDAD Afinidad	0001-9704 化学
ANAL LETT Analytical Letters	0003-2719 化学
ANAL SCI Analytical Sciences	0910-6340 化学
ANN CHIM-ROME Annali Di Chimica	0003-4592 化学
APPL ORGANOME' Applied Organometallic Chemistry	0268-2605 化学
ARKIVOC Arkivoc	1551-7004 化学
ASIAN J CHEM Asian Journal of Chemistry	0970-7077 化学
B CHEM SOC ETHI Bulletin of the Chemical Society of Ethiopia	1011-3924 化学

B KOREAN CHEM BEILSTEIN J ORG BIOINORG CHEM BULG CHEM COM BUNSEKI KAGAKU CALPHAD CAN J CHEM CARBOHYD RES CATAL SURV ASIA CENT EUR J CHEM CHEM ANAL-WAR CHEM CENT J	Bulletin of the Chemical Society of Japan Bulletin of the Korean Chemical Society Beilstein Journal of Organic Chemistry Bioinorganic Chemistry and Applications Bulgarian Chemical Communications Bunseki Kagaku Calphad-Computer Coupling of Phase Diagrams and The Canadian Journal of Chemistry-Revue Canadienne De Carbohydrate Research Catalysis Surveys From Asia Central European Journal of Chemistry Chemia Analityczna Chemistry Central Journal Chemistry Education Research and Practice	
CHEM HETEROCY CHEM IND-LONDO	Chemistry of Heterocyclic Compounds Chemistry & Industry Chemical Journal of Chinese Universities-Chinese	0009-3122 化学 0009-3068 化学 0251-0790 化学
CHEM LETT CHEM LISTY	Chemistry Letters Chemicke Listy Chemistry of Natural Compounds	0366-7022 化学 0009-2770 化学 0009-3130 化学
CHEM RES CHINES CHEM UNSERER Z CHEM WORLD-UK	· · · · · · · · · · · · · · · · · · ·	0366-6352 化学 1005-9040 化学 0009-2851 化学 1473-7604 化学
CHEMCATCHEM CHEMIJA CHIM OGGI CHIMIA	Chemcatchem Chemija Chimica Oggi-Chemistry Today Chimia	1867-3880 化学 0235-7216 化学 1973-8250 化学 0009-4293 化学
CHINESE J ANAL C	Chinese Chemical Letters Chinese Journal of Analytical Chemistry Chinese Journal of Chemistry Chinese Journal of Inorganic Chemistry	1001-8417 化学 0253-3820 化学 1001-604》 化学 1001-4861 化学
CHINESE J ORG CHINESE J POLYM	Chinese Journal of Polymer Science Chinese Journal of Structural Chemistry	0253-2786 化学 0256-7679 化学 0254-5861 化学
COLLOID J+	I Chromatographia Collection of Czechoslovak Chemical Communications Colloid Journal Colloid and Polymer Science	0009-5893 化学 0010-0765 化学 1061-933》化学 0303-402》化学
CR CHIM CROAT CHEM ACT	Colloids and Surfaces A-Physicochemical and Engineeri Comptes Rendus Chimie I Croatica Chemica Acta Crystal Research and Technology	10927-7757 化学 1631-0748 化学 0011-1643 化学 0232-1300 化学
CRYSTALLOGR RECURR ANAL CHEMDES MONOMERS EDOKL CHEM	E Crystallography Reports C Current Analytical Chemistry Designed Monomers and Polymers Doklady Chemistry	1063-7745 化学 1573-4110 化学 1385-772》化学 0012-5008 化学
E-POLYMERS EXPRESS POLYM	1 Doklady Physical Chemistry E-Polymers I Express Polymer Letters I Helvetica Chimica Acta	0012-5016化学 1618-7229化学 1788-618》化学 0018-019》化学

HETEROATOM CHI Heteroatom Chemistry HETEROCYCL CON Heterocyclic Communications HETEROCYCLES Heterocycles HIGH ENERG CHEN High Energy Chemistry HIGH PERFORM PC High Performance Polymers HYLE Hyle INDIAN J CHEM A Indian Journal of Chemistry Section A-Inorganic Bio-In INDIAN J CHEM B Indian Journal of Chemistry Section B-Organic Chemist INDIAN J HETERO(Indian Journal of Heterocyclic Chemistry INORG CHEM COM Inorganic Chemistry Communications INORG REACT ME(Inorganic Reaction Mechanisms	
INT J CHEM KINET International Journal of Chemical Kinetics INT J MOL SCI International Journal of Molecular Sciences INT J POLYM ANAIInternational Journal of Polymer Analysis and Character INT J QUANTUM C International Journal of Quantum Chemistry	0538-8066 化学 1422-0067 化学
IONICS Ionics IRAN POLYM J Iranian Polymer Journal ISR J CHEM Israel Journal of Chemistry J ADV OXID TECHI Journal of Advanced Oxidation Technologies	0947-7047 化学 1026-1265 化学 0021-2148 化学 1203-8407 化学
J ANAL CHEM+ Journal of Analytical Chemistry J APPL POLYM SCI Journal of Applied Polymer Science J AUTOM METHOE Journal of Automated Methods & Management in Chem J BRAZIL CHEM SC Journal of the Brazilian Chemical Society	1061-9348 化学 0021-8995 化学 i 1463-9246 化学
J CARBOHYD CHEl Journal of Carbohydrate Chemistry J CHEM CRYSTALI Journal of Chemical Crystallography J CHEM EDUC Journal of Chemical Education	0103-5053 化学 0732-8303 化学 1074-1542 化学 0021-9584 化学
J CHEM RES-S Journal of Chemical Research-S J CHEM SCI Journal of Chemical Sciences J CHEM SOC PAKIS Journal of the Chemical Society of Pakistan J CHEMOMETR Journal of Chemometrics	0308-2342 化学 0253-4134 化学 0253-5106 化学 0886-9383 化学
J CHIL CHEM SOC Journal of the Chilean Chemical Society J CHIN CHEM SOC-Journal of the Chinese Chemical Society J CHROMATOGR S Journal of Chromatographic Science J CLUST SCI Journal of Cluster Science	0717-9324 化学 0009-4536 化学 0021-9665 化学 1040-7278 化学
J COORD CHEM Journal of Coordination Chemistry J CRYST GROWTH Journal of Crystal Growth J DISPER SCI TECH Journal of Dispersion Science and Technology	0095-8972 化学 0022-0248 化学 0193-2691 化学
J FLUORINE CHEM Journal of Fluorine Chemistry J HETEROCYCLIC (Journal of Heterocyclic Chemistry J INCL PHENOM M Journal of Inclusion Phenomena and Macrocyclic Chem J INDIAN CHEM SC Journal of the Indian Chemical Society	0022-1139 化学 0022-152》化学 i:0923-0750 化学 0019-4522 化学
J INORG ORGANON Journal of Inorganic and Organometallic Polymers J IRAN CHEM SOC Journal of the Iranian Chemical Society J LIQ CHROMATO(Journal of Liquid Chromatography & Related Technolog J MACROMOL SCI Journal of Macromolecular Science-Pure and Applied C J MATH CHEM Journal of Mathematical Chemistry J MED PLANTS RE! Journal of Medicinal Plants Research	
J MEX CHEM SOC Journal of the Mexican Chemical Society J MOL LIQ Journal of Molecular Liquids J MOL STRUCT Journal of Molecular Structure J MOL STRUC-THE Journal of Molecular Structure-Theochem	1870-249×化学 0167-7322化学 0022-2860化学 0166-1280化学

J PHOTOPOLYM S J PHYS ORG CHEM J POLYM RES J PORPHYR PHTHA J RADIOANAL NU J RARE EARTH J RUBBER RES J SERB CHEM SOC J SOLUTION CHEM J STRUCT CHEM+ J SYN ORG CHEM J THEOR COMPUT J THERM ANAL CA JPC-J PLANAR CHE KINET CATAL+ KOBUNSHI RONBE LC GC EUR	Journal of the Serbian Chemical Society A Journal of Solution Chemistry Journal of Structural Chemistry Journal of Synthetic Organic Chemistry Japan Journal of Theoretical & Computational Chemistry A Journal of Thermal Analysis and Calorimetry F Jpc-Journal of Planar Chromatography-Modern Tlc Kinetics and Catalysis Kobunshi Ronbunshu Lc Gc Europe	1003-9953 & 0914-9244 & 0894-3230 & 1022-9760 & 1088-4246 & 0236-5731 & 1002-0721 & 1511-1768 & 0352-5139 & 0095-9782 & 0022-4766 & 0037-9980 & 0219-6336 & 1388-6150 & 0933-4173 & 0023-1584 & 0386-2186 & 1471-6577 & 10914-9241 & 10023-1584 & 1471-6577 & 10914-924 & 10023-1584 & 1471-6577 & 10914-924 & 10023-1584 & 1471-6577 & 10914-924 & 10023-1584 & 1471-6577 & 10914-924 & 10023-1584 & 1471-6577 & 10914-924 & 10023-1584 & 1471-6577 & 10914-924 & 10023-1584 & 1471-6577 & 10914-924 & 10023-1584 & 1471-6577 & 10914-924 & 10023-1584 & 1471-6577 & 10914-924 & 1471-6577 & 1471-924 & 1471-6577 & 1471-924 & 1471-6577 & 1471-924 & 1471-6577 & 1471-924 & 1471-6577 & 1471-924 & 1471-6577 & 1471-924 & 1471-6577 & 1471-924 & 1471-6577 & 1471-924 & 1471-924 & 1471-924 & 1471-924 & 1471-924 & 1471-924 & 1471-924 & 1471-924 & 1471-924 & 1471-924 & 1471-924 & 1471-924 & 1471-924 & 1471-924 & 1471-924 & 1471-924 & 1471-924 & 1471-924 & 1471-924 &	学学学学学学学学学学学学学
	Lc Gc North America	1527-5949	
	Letters in Organic Chemistry	1570-1786 化	
LIQ CRYST		0267-8292 化	- •
	Hacedonian Journal of Chemistry and Chemical Engineer	, -	
MAGN RESON CH	E Magnetic Resonance in Chemistry	0749-1581 化	′学
MAIN GROUP CHE	E Main Group Chemistry	1024-1221化	′学
MAIN GROUP MET	Г Main Group Metal Chemistry	0334-7575 化	′学
	I Mendeleev Communications	0959-9436	′学
MINI-REV ORG CH	H Mini-Reviews in Organic Chemistry	1570-193X (L	′学
MOL CRYST LIQ C	Molecular Crystals and Liquid Crystals	1542-1406	′学
MOL SIMULAT	Molecular Simulation	0892-7022 化	
MOLECULES	Molecules	1420-3049	
MONATSH CHEM	Monatshefte Fur Chemie	0026-9247	
NAT CHEM	Nature Chemistry	1755-4330 化	- •
NAT PROD RES	Natural Product Research	1478-6419	
	I Organic Preparations and Procedures International	0030-4948	
OXID COMMUN	Oxidation Communications	0209-4541 化	- •
	L Phosphorus Sulfur and Silicon and the Related Elements	1042-6507化	- •
PHYS CHEM LIQ		0031-9104 化	
POL J CHEM	Polish Journal of Chemistry	0137-5083 (
POLIMEROS	Polimeros-Ciencia E Tecnologia	0104-1428	
	L Polycyclic Aromatic Compounds	1040-6638	
POLYM BULL	Polymer Bulletin	0170-0839 (
POLYM INT	Polymer International	0959-8103	
POLYM J	Polymer Journal	0032-3896	- •
	+Polymer Science Series A	0965-545X	- •
	+Polymer Science Series B	1560-0904 (L	
POLYM-KOREA		0379-153X (L	- •
PROG CHEM	Progress in Chemistry Dragges in Possition Vinctics and Machanian	1005-281X (L	- •
	E Progress in Reaction Kinetics and Mechanism	1468-6783	- •
QUIM NOVA	Quimica Nova	0100-4042	- •
	E Radiation Physics and Chemistry	0969-806X (L	- •
RADIOCHIM ACTA	A Kadiociiliiica Acta	0033-8230 (t	4字

REACT KINET CAT Reaction Kinetics and Catalysis Letters	0133-1736 化学
RES CHEM INTERN Research On Chemical Intermediates	0922-6168 化学
RES J CHEM ENVIF Research Journal of Chemistry and Environment	0972-0626 化学
REV ANAL CHEM Reviews in Analytical Chemistry	0793-0135 化学
REV CHIM-BUCHA Revista De Chimie	0034-7752 化学
REV INORG CHEM Reviews in Inorganic Chemistry	0193-4929 化学
REV MEX ING QUI Revista Mexicana De Ingenieria Quimica	1665-2738 化学
REV ROUM CHIM Revue Roumaine De Chimie	0035-3930 化学
RUSS CHEM B+ Russian Chemical Bulletin	1066-5285 化学
RUSS J APPL CHEM Russian Journal of Applied Chemistry	1070-4272 化学
RUSS J COORD CH Russian Journal of Coordination Chemistry	1070-3284 化学
RUSS J GEN CHEM Russian Journal of General Chemistry	1070-3632 化学
RUSS J INORG CHERUssian Journal of Inorganic Chemistry	0036-0236 化学
RUSS J ORG CHEM Russian Journal of Organic Chemistry	1070-4280 化学 0036-0244 化学
RUSS J PHYS CHEN Russian Journal of Physical Chemistry A RUSS J PHYS CHEN Russian Journal of Physical Chemistry B	1990-7931 化学
S AFR J CHEM-S-Al South African Journal of Chemistry-Suid-Afrikaanse	, - •
SCI CHINA SER B Science in China Series B-Chemistry	1006-9291 化学
SCI TECHNOL ENE Science and Technology of Energetic Materials	1347-9466 化学
SEP PURIF REV Separation and Purification Reviews	1542-2119 化学
SOLID STATE SCI Solid State Sciences	1293-2558 化学
SOLVENT EXTR IO Solvent Extraction and Ion Exchange	0736-6299 化学
STRUCT CHEM Structural Chemistry	1040-0400 化学
STUD CONSERV Studies in Conservation	0039-3630 化学
STUD U BABES-BO Studia Universitatis Babes-Bolyai Chemia	1224-7154 化学
SUPRAMOL CHEM Supramolecular Chemistry	1061-0278 化学
SURF INTERFACE . Surface and Interface Analysis	0142-2421 化学
SURF SCI Surface Science	0039-6028 化学
SYNTHETIC COMN Synthetic Communications	0039-7911 化学
THERMOCHIM AC Thermochimica Acta	0040-6031 化学
TRANSIT METAL CTransition Metal Chemistry	0340-4285 化学
TURK J CHEM Turkish Journal of Chemistry	1300-0527 化学
VIB SPECTROSC Vibrational Spectroscopy	0924-2031 化学
Z ANORG ALLG CF Zeitschrift Fur Anorganische Und Allgemeine Chemi	
Z KRIST-NEW CRY Zeitschrift Fur Kristallographie-New Crystal Structur	
Z NATURFORSCH lZeitschrift Fur Naturforschung Section B-A Journal of	
APPL CATAL B-EN Applied Catalysis B-Environmental	0926-3373 环境科学
B AM MUS NAT HI Bulletin of the American Museum of Natural History	0003-0090 环境科学
CRIT REV ENV SCI Critical Reviews in Environmental Science and Tech	nole 1064-3389 环境科学
ECOL LETT Ecology Letters	1461-023》环境科学
ECOL MONOGR Ecological Monographs	0012-9615 环境科学
ECOLOGY Ecology	0012-9658 环境科学
ENVIRON HEALTH Environmental Health Perspectives	0091-6765 环境科学
ENVIRON MICROB Environmental Microbiology	1462-2912 环境科学
EVOLUTION Evolution	0014-3820 环境科学
FRONT ECOL ENVIFrontiers in Ecology and the Environment	1540-9295 环境科学
GLOBAL CHANGE Global Change Biology	1354-1013 环境科学
GLOBAL ECOL BIC Global Ecology and Biogeography	1466-822%环境科学
ISME J Isme Journal	1751-7362 环境科学
AGR ECOSYST EN Agriculture Ecosystems & Environment	0167-8809 环境科学
AM NAT American Naturalist	0003-0147 环境科学

ANNU REV ENV RI	Annual Review of Environment and Resources	1543-5938 £	
AQUAT TOXICOL	Aquatic Toxicology	0166-445X X	
ATMOS ENVIRON	Atmospheric Environment	1352-2310 £	
BEHAV ECOL	Behavioral Ecology	1045-2249 £	环境科学
BIOGEOSCIENCES	Biogeosciences	1726-4170 £	不境科学
BIOL CONSERV	Biological Conservation	0006-3207 £	不境科学
CHEMOSPHERE	Chemosphere	0045-6535 ¥	不境科学
CLIMATIC CHANG	Climatic Change	0165-0009 £	不境科学
CONSERV BIOL	Conservation Biology	0888-8892 £	不境科学
DIVERS DISTRIB	Diversity and Distributions	1366-9516 £	不境科学
ECOGRAPHY	Ecography	0906-7590 £	不境科学
ECOL APPL	Ecological Applications	1051-0761 £	不境科学
ECOSYSTEMS	Ecosystems	1432-9840 £	不境科学
ECOTOXICOLOGY	Ecotoxicology	0963-9292 £	不境科学
ENVIRON INT	Environment International	0160-4120 £	不境科学
ENVIRON POLLUT	Environmental Pollution	0269-7491 £	不境科学
ENVIRON RES	Environmental Research	0013-9351 £	不境科学
ENVIRON SCI POL	Environmental Science and Pollution Research	0944-1344 £	
ENVIRON SCI TEC	Environmental Science & Technology	0013-936X #	
EVOL ECOL	Evolutionary Ecology	0269-7653 £	
FUNCT ECOL	Functional Ecology	0269-8463 £	
GLOBAL BIOGEOC	Global Biogeochemical Cycles	0886-6236 £	
	Global Environmental Change-Human and Policy Dimen		
INDOOR AIR	Indoor Air-International Journal of Indoor Air Quality an		
J ANIM ECOL	Journal of Animal Ecology	0021-8790 £	
J APPL ECOL	Journal of Applied Ecology	0021-8901 £	
J BIOGEOGR	Journal of Biogeography	0305-0270 £	
J ECOL	Journal of Ecology	0022-0477 £	
J ENVIRON SCI HE	Journal of Environmental Science and Health Part C-Env		
	Journal of Soils and Sediments	1439-0108 ¥	
J TOXICOL ENV H	Journal of Toxicology and Environmental Health-Part B-		
OECOLOGIA	Oecologia	0029-8549 £	
OIKOS	Oikos	0030-1299 I	
	Perspectives in Plant Ecology Evolution and Systematics		
	Remote Sensing of Environment	0034-4257 £	
WATER RES	Water Research	0043-1354 £	
ADV WATER RESC	Advances in Water Resources	0309-1708 £	
	Aerosol Science and Technology	0278-6826 £	
AMBIO	Ambio	0044-7447 £	
	Animal Conservation	1367-9430 £	
	Aquatic Microbial Ecology	0948-3055 ¥	
AQUAT SCI	Aquatic Sciences	1015-1621 #	
	Archives of Environmental Contamination and Toxicolog		
AUSTRAL ECOL		1442-9985 #	
	Basic and Applied Ecology	1439-1791 #	
	Biodiversity and Conservation	0960-3115 H	
BIOGEOCHEMISTE		0168-2563 H	
BIOL INVASIONS		1387-3547 £	
BIOTROPICA	Biotropica	0006-3606 H	
CATENA	Catena	0341-8162 H	
	Chemistry & Biodiversity	1612-1872 £	
			1-20/11-7

CONSERV GENET	Conservation Genetics	1566-0621 环境科学
ECOHEALTH	Ecohealth	1612-9202 环境科学
ECOHYDROLOGY		1936-0584 环境科学
ECOL COMPLEX	Ecological Complexity	1476-945》 环境科学
ECOL ECON	Ecological Economics	0921-8009 环境科学
ECOL ENG	Ecological Engineering	0925-8574 环境科学
ECOL INDIC	Ecological Indicators	1470-160% 环境科学
ECOL MODEL	Ecological Modelling	0304-3800 环境科学
ECOL SOC	Ecology and Society	1708-3087 环境科学
	Ecotoxicology and Environmental Safety	0147-6513 环境科学
	Environmental Chemistry	1448-2517 环境科学
	lEnvironmental and Experimental Botany	0098-8472 环境科学
	l Environmental Health	1476-069) 环境科学
	Environmental and Molecular Mutagenesis	0893-6692 环境科学
	Environmental Research Letters	1748-9326 环境科学
	Environmental Reviews	1181-8700 环境科学
	lEnvironmental Science & Policy	1462-9011 环境科学
	Environmental Toxicology	1520-4081 环境科学
	Environmental Toxicology and Chemistry	0730-7268 环境科学
	Geomicrobiology Journal	0149-0451 环境科学
	SHydrological Processes	0885-6087 环境科学
	International Journal of Greenhouse Gas Control	1750-5836 环境科学
	International Journal of Life Cycle Assessment	0948-3349 环境科学
	Journal of Aerosol Science	0021-8502 环境科学
	Journal of the Air & Waste Management Association	1047-3289 环境科学
J CHEM ECOL	Journal of Chemical Ecology	0098-0331 环境科学
J CONTAM HYDRO	Journal of Contaminant Hydrology	0169-7722 环境科学
	(Journal of Environmental Management	0301-4797 环境科学
	Journal of Environmental Monitoring	1464-0325 环境科学
J ENVIRON QUAL	Journal of Environmental Quality	0047-2425 环境科学
J IND ECOL	Journal of Industrial Ecology	1088-1980 环境科学
J TOXICOL ENV H	F Journal of Toxicology and Environmental Health-Part A	A-1528-7394 环境科学
J VEG SCI	Journal of Vegetation Science	1100-9233 环境科学
LANDSCAPE ECOI	Landscape Ecology	0921-2973 环境科学
LANDSCAPE URBA	Landscape and Urban Planning	0169-2046 环境科学
MAR ECOL-PROG	Marine Ecology-Progress Series	0171-8630 环境科学
MAR ENVIRON RE	Marine Environmental Research	0141-1136 环境科学
MAR POLLUT BUL	Marine Pollution Bulletin	0025-326) 环境科学
PEDOBIOLOGIA	Pedobiologia	0031-4056 环境科学
RESTOR ECOL	Restoration Ecology	1061-2971 环境科学
REV ENVIRON CO	Reviews of Environmental Contamination and Toxicological	g 0179-5953 环境科学
RIVER RES APPL	River Research and Applications	1535-1459 环境科学
SAR QSAR ENVIRO	Sar and Qsar in Environmental Research	1062-936》环境科学
SCI TOTAL ENVIR	Science of the Total Environment	0048-9697 环境科学
SUSTAIN SCI	Sustainability Science	1862-4065 环境科学
SYST BIODIVERS	Systematics and Biodiversity	1477-2000 环境科学
WASTE MANAGE	Waste Management	0956-053》环境科学
WATER RESOUR R	R Water Resources Research	0043-1397 环境科学
ACTA OECOL	Acta Oecologica-International Journal of Ecology	1146-609》环境科学
ADV ECOL RES	Advances in Ecological Research	0065-2504 环境科学
AEROBIOLOGIA	Aerobiologia	0393-5965 环境科学

A ED A EGOA	AC: X 1 07 1	0141 (505	マア 1 ☆ イス W
AFR J ECOL	African Journal of Ecology	0141-6707	
AM MIDL NAT AM MUS NOVIT	American Midland Naturalist	0003-0031	
AM MUS NOVII AMAZONIANA	American Museum Novitates Amazoniana-Limnologia Et Oecologia Regionalis System	0003-0082	
APPL VEG SCI	Applied Vegetation Science	1402-2001	
	Aquatic Conservation-Marine and Freshwater Ecosystem		
AQUAT ECOL	Aquatic Ecology	1386-2588	
	Aquatic Ecology I Aquatic Ecosystem Health & Management	1463-4988	
	Archives of Environmental & Occupational Health	1933-8244	
	Archives of Environmental Protection	0324-8461	
	Arid Land Research and Management	1532-4982	
	Bulletin of Environmental Contamination and Toxicology		
	Biology and Environment-Proceedings of the Royal Irish		
	Biomedical and Environmental Sciences	0895-3988	
	Canadian Field-Naturalist	0008-3550	
	Carpathian Journal of Earth and Environmental Sciences		
	Chemistry and Ecology	0275-7540	
	Chemical Speciation and Bioavailability	0954-2299	
CHEMOECOLOGY		0937-7409	
CHINESE GEOGR S	Chinese Geographical Science	1002-0063	
CLEAN TECHNOL	Clean Technologies and Environmental Policy	1618-954X	环境科学
	Clean-Soil Air Water	1863-0650	环境科学
COAST MANAGE	Coastal Management	0892-0753	环境科学
COMMUNITY ECO	Community Ecology	1585-8553	环境科学
CONTEMP PROBL	Contemporary Problems of Ecology	1995-4255	环境科学
ECOL CHEM ENG	Ecological Chemistry and Engineering S-Chemia I Inzyn	1898-6196	环境科学
ECOL INFORM	Ecological Informatics	1574-9541	环境科学
ECOL RES	Ecological Research	0912-3814	环境科学
ECOSCIENCE	Ecoscience	1195-6860	环境科学
EKOLOJI	Ekoloji	1300-1361	环境科学
	Environmental Biology of Fishes	0378-1909	
	Environmental Chemistry Letters	1610-3653	
	Environmental Conservation	0376-8929	
	Environmental Earth Sciences	1866-6280	
	Environmental and Ecological Statistics	1352-8505	
	Environmental Engineering and Management Journal	1582-9596	
	Environmental Engineering Science	1092-8758	
	Environmental Fluid Mechanics	1567-7419	
	Environmental Forensics	1527-5922	
	Environmental Geochemistry and Health	0269-4042	
	Environmental Geology	0943-0105	
	Environmental Management	0364-152X	
	Environmental Modeling & Assessment	1420-2026	
	Environmental Monitoring and Assessment	0167-6369	
	Environmental Progress & Systeinable Energy	0278-4491	
	Environmental Progress & Sustainable Energy	1944-7442	
	Environment Protection Engineering	0324-8828	
ENVIRON TECHNO	Environmental Technology	0959-3330	
ENVIRONMETRICS		0013-9157 1180-4009	
	Estuaries and Coasts	1559-2723	
EDIUAN CUADI	Latuaries and Coasts	1337-4143	小児什子

EUR J SOIL BIOL European Journal of Soil Biology	1164-5563 环境科学
FRESEN ENVIRON Fresenius Environmental Bulletin	1018-4619 环境科学
FUNGAL ECOL Fungal Ecology	1754-5048 环境科学
GLOBAL NEST J Global Nest Journal	1790-7632 环境科学
GROUND WATER Account Water Manifesting and Remadiation	0017-467% 环境科学
GROUND WATER I Ground Water Monitoring and Remediation GRUNDWASSER Grundwasser	1069-3629 环境科学 1430-483X 环境科学
HOUILLE BLANCH Houille Blanche-Revue Internationale De L Eau	145U-485Z 环境科字 0018-6368 环境科学
HUM ECOL RISK A Human and Ecological Risk Assessment	1080-7039 环境科学
HYDROL RES Hydrology Research	0029-1277 环境科学
HYDROLOG SCI J Hydrological Sciences Journal-Journal Des Sciences Hydrological Sciences	, , , , , , ,
INDOOR BUILT EN Indoor and Built Environment	1420-326》 环境科学
INT J ENVIRON AN International Journal of Environmental Analytical Chem	
INT J ENVIRON PO International Journal of Environment and Pollution	0957-4352 环境科学
INT J ENVIRON RE International Journal of Environmental Research	1735-6865 环境科学
INT J ENVIRON SC International Journal of Environmental Science and Tech	
INT J PHYTOREME International Journal of Phytoremediation	1522-6514 环境科学
INT J SEDIMENT RI International Journal of Sediment Research	1001-6279 环境科学
INT J SUST DEV W(International Journal of Sustainable Development and W	, , , , ,
INT J WATER RESC International Journal of Water Resources Development	0790-0627 环境科学
ISOT ENVIRON HE. Isotopes in Environmental and Health Studies	1025-6016 环境科学
ISR J ECOL EVOL Israel Journal of Ecology & Evolution	1565-9801 环境科学
J AM WATER RESC Journal of the American Water Resources Association	1093-474%环境科学
J APPL REMOTE SF Journal of Applied Remote Sensing	1931-3195 环境科学
J ARID ENVIRON Journal of Arid Environments	0140-1963 环境科学
J CLEAN PROD Journal of Cleaner Production	0959-6526 环境科学
J ENVIRON ENG L/Journal of Environmental Engineering and Landscape M	
J ENVIRON ENG SC Journal of Environmental Engineering and Science	1496-2551 环境科学
J ENVIRON ENG-A: Journal of Environmental Engineering-Asce	0733-9372 环境科学
J ENVIRON HEALT Journal of Environmental Health	0022-0892 环境科学
J ENVIRON PROT F Journal of Environmental Protection and Ecology	1311-5065 环境科学
J ENVIRON RADIO Journal of Environmental Radioactivity	0265-931) 环境科学
J ENVIRON SCI HE. Journal of Environmental Science and Health Part A-Tox	1093-4529 环境科学
J ENVIRON SCI HE. Journal of Environmental Science and Health Part B-Pes	10360-1234 环境科学
J ENVIRON SCI-CH Journal of Environmental Sciences-China	1001-0742 环境科学
J HYDROL HYDRO Journal of Hydrology and Hydromechanics	0042-790》环境科学
J MATER CYCLES 'Journal of Material Cycles and Waste Management	1438-4957 环境科学
J MT SCI-ENGL Journal of Mountain Science	1672-6316 环境科学
J NAT CONSERV Journal For Nature Conservation	1617-1381 环境科学
J OCCUP ENVIRON Journal of Occupational and Environmental Hygiene	1545-9624 环境科学
J RADIOL PROT Journal of Radiological Protection	0952-4746 环境科学
J RESIDUALS SCI T Journal of Residuals Science & Technology	1544-8053 环境科学
J TROP ECOL Journal of Tropical Ecology	0266-4674 环境科学
J WATER HEALTH Journal of Water and Health	1477-8920 环境科学
J WATER SUPPLY IJournal of Water Supply Research and Technology-Aqua	
J WILDLIFE MANA Journal of Wildlife Management	0022-541》环境科学
KNOWL MANAG A Knowledge and Management of Aquatic Ecosystems	1961-9502 环境科学
LAKE RESERV MA Lake and Reservoir Management	1040-2381 环境科学
LIMNOLOGICA Limnologica	0075-9511 环境科学
MAR FRESHWATE Marine and Freshwater Research	1323-1650 环境科学
NAT AREA J Natural Areas Journal	0885-8608 环境科学

	Natureza & Conservacao	1679-0073	
NAT HAZARDS	Natural Hazards	0921-030X	
	Natural Resources Forum	0165-0203	
	Natural Resource Modeling	0890-8575	
	New Zealand Journal of Ecology	0110-6465	
	Northeastern Naturalist	1092-6194	
NORTHWEST SCI		0029-344X	
	Ocean & Coastal Management	0964-5691	
OCHR SR	Ochrona Srodowiska	1230-6169	
ORYX	Oryx	0030-6053	
OZONE-SCI ENG	Ozone-Science & Engineering	0191-9512	
	Proceedings of the Academy of Natural Sciences of Phila		
PACHYDERM	Pachyderm	1026-2881	
PEDOSPHERE	Pedosphere	1002-0160	
PLANT ECOL	Plant Ecology	1385-0237	
POL J ECOL	Polish Journal of Ecology	1505-2249	
	Polish Journal of Environmental Studies	1230-1485	
POLAR REC	Polar Record	0032-2474	
POPUL ECOL	Population Ecology	1438-3896	
	Process Safety and Environmental Protection	0957-5820	
	Radiation and Environmental Biophysics	0301-634X	
	Radiation Protection Dosimetry	0144-8420	
RANGELAND J		1036-9872	
	Regional Environmental Change	1436-3798	
	Resources Conservation and Recycling	0921-3449	
	Revista Chilena De Historia Natural	0716-078X	
	Revue D Ecologie-La Terre Et La Vie	0249-7395	
	Revista Mexicana De Biodiversidad	1870-3453	
	Russian Journal of Ecology	1067-4136	
	(Soil & Sediment Contamination	1532-0383	
	Southeastern Naturalist	1528-7092	
	Southwestern Naturalist	0038-4909	
	Stochastic Environmental Research and Risk Assessment		
	Theoretical Ecology	1874-1738	
	Vadose Zone Journal Vie Et Milieu-Life and Environment	1539-1663	
		0240-8759	
	F Waste Management & Research F Water Air and Soil Pollution	0734-242X	
	Water and Environment Journal	0049-6979	
	Water Environment Research	1747-6585 1061-4303	
WATER POLICY		1366-7017	
	Water Resources Management		
WATER RESOUR I		0920-4741	
WATER RESOUR+	Water Sa	0097-8078 0378-4738	
	Water Science and Technology	0273-1223	
	Western North American Naturalist	1527-0904	
WEST N AM NATO WETLANDS	Wetlands	0277-5212	
ADV AGRON	Advances in Agronomy	0065-2113	
	Advances in Agronomy I Agricultural and Forest Meteorology	0168-1923	
	Atla-Alternatives to Laboratory Animals	0261-1929	
EUR J SOIL SCI	European Journal of Soil Science	1351-0754	
LUK I DOIL DCI	Daropean Journal of Bolt Belefice	1331-0/34	八个件子

FISH FISH	Fish and Fisheries	1467-2960	农林科学
FISH OCEANOGR	Fisheries Oceanography	1054-6006	农林科学
FISH SHELLFISH I	Fish & Shellfish Immunology	1050-4648	
	Food and Bioprocess Technology	1935-5130	
GEODERMA	Geoderma	0016-7061	
ILAR J	Ilar Journal	1084-2020	
J AGR FOOD CHEN	Journal of Agricultural and Food Chemistry	0021-8561	
J ANIM SCI	Journal of Animal Science	0021-8812	
J DAIRY SCI	Journal of Dairy Science	0022-0302	
MOL BREEDING	Molecular Breeding	1380-3743	
REV FISH BIOL FIS	Reviews in Fish Biology and Fisheries	0960-3166	
	E Soil Biology & Biochemistry	0038-0717	
	J Soil Science Society of America Journal	0361-5995	
TREE PHYSIOL	Tree Physiology	0829-318X	
VET MICROBIOL	Veterinary Microbiology	0378-1135	
VET RES	Veterinary Research	0928-4249	
AGR SYST	Agricultural Systems	0308-5213	
AGR WATER MAN	Agricultural Water Management	0378-3774	
AGRON J	Agronomy Journal	0002-1962	
AM J ENOL VITICU	American Journal of Enology and Viticulture	0002-9254	
	E Animal Feed Science and Technology	0377-8401	
	I Animal Reproduction Science	0378-4320	
	Annals of Forest Science	1286-4560	
APPL ANIM BEHA	Applied Animal Behaviour Science	0168-1591	
	Applied Soil Ecology	0929-1393	
	Aquaculture Nutrition	1353-5773	
AQUACULTURE	Aquaculture	0044-8486	
AVIAN DIS	Avian Diseases	0005-2086	
AVIAN PATHOL	Avian Pathology	0307-9457	
	Biology and Fertility of Soils	0178-2762	
	Canadian Journal of Fisheries and Aquatic Sciences	0706-652X	
	Diseases of Aquatic Organisms	0177-5103	
DOMEST ANIM EN	Domestic Animal Endocrinology	0739-7240	农林科学
ECOL FRESHW FIS	Ecology of Freshwater Fish	0906-6691	
EQUINE VET J	Equine Veterinary Journal	0425-1644	农林科学
EUR J AGRON	European Journal of Agronomy	1161-0301	
EUR J FOREST RES	European Journal of Forest Research	1612-4669	
EUR J PLANT PATI	European Journal of Plant Pathology	0929-1873	农林科学
FIELD CROP RES	Field Crops Research	0378-4290	农林科学
FISHERIES	Fisheries	0363-2415	农林科学
FOREST ECOL MA	l Forest Ecology and Management	0378-1127	农林科学
FOREST SCI	Forest Science	0015-749X	农林科学
ICES J MAR SCI	Ices Journal of Marine Science	1054-3139	农林科学
IND CROP PROD	Industrial Crops and Products	0926-6690	农林科学
INT J WILDLAND I	International Journal of Wildland Fire	1049-8001	农林科学
IRRIGATION SCI	Irrigation Science	0342-7188	农林科学
J AGRON CROP SC	Journal of Agronomy and Crop Science-Zeitschrift Fur A		
J FISH DIS	Journal of Fish Diseases	0140-7775	农林科学
J VET INTERN ME	Journal of Veterinary Internal Medicine	0891-6640	农林科学
JAVMA-J AM VET	l Javma-Journal of the American Veterinary Medical Asso		
MED VET ENTOMO	Medical and Veterinary Entomology	0269-2833	农林科学

PEST MANAG SCI	Pest Management Science	1526-498	农林科学
PLANT DIS	Plant Disease	0191-2917	农林科学
PLANT SOIL	Plant and Soil	0032-079X	农林科学
POSTHARVEST BIO	Postharvest Biology and Technology	0925-5214	
POULTRY SCI	Poultry Science	0032-5791	
PREV VET MED	Preventive Veterinary Medicine	0167-5877	
	Reproduction in Domestic Animals	0936-6768	
	Reviews in Fisheries Science	1064-1262	
SOIL TILL RES	Soil & Tillage Research	0167-1987	
	Soil Use and Management	0266-0032	
THERIOGENOLOG		0093-691X	
	Transboundary and Emerging Diseases	1865-1674	
	Trees-Structure and Function	0931-1890	
	Veterinary Immunology and Immunopathology	0165-2427	
VET J	Veterinary Journal	1090-0233	
	Veterinary Parasitology	0304-4017	
VET SURG	Veterinary Surgery	0161-3499	
WEED RES	Weed Research	0043-1737	
WEED SCI	Weed Science	0043-1745	
	Acta Veterinaria Scandinavica	0043-1743 0044-605X	
	Agricultural and Forest Entomology	1461-9555	
	Agriculture and Human Values	0889-048X	
	Agronomy For Sustainable Development	1774-0746	
	American Journal of Veterinary Research Animal Welfare	0002-9645	
ANIMAL		0962-7286	
	Animal	1751-7311	
AQUACRES	Aquaculture Research	1355-557X	
	Aquacultural Engineering	0144-8609	
	Aquatic Living Resources	0990-7440	
	Archives of Animal Nutrition-Archiv Fur Tierernahrung		
AUST J EXP AGR	Australian Journal of Experimental Agriculture	0816-1089	
AUST J SOIL RES	Australian Journal of Soil Research	0004-9573	
AUST VET J	Australian Veterinary Journal	0005-0423	
	Avian and Poultry Biology Reviews	1470-2061	
BIOSYST ENG	Biosystems Engineering	1537-5110	
BREEDING SCI	Breeding Science	1344-7610	
	British Poultry Science	0007-1668	
	California Cooperative Oceanic Fisheries Investigations		
	Canadian Journal of Forest Research-Revue Canadienne		
CAN J SOIL SCI	Canadian Journal of Soil Science	0008-4271	
CAN J VET RES	Canadian Journal of Veterinary Research-Revue Canadie		
CAN VET J	Canadian Veterinary Journal-Revue Veterinaire Canadien		
CCAMLR SCI	Ccamlr Science	1023-4063	
	Chemosensory Perception	1936-5802	
CROP PROT	Crop Protection	0261-2194	
CROP SCI	Crop Science	0011-183X	
EUPHYTICA	Euphytica	0014-2336	
FISH B-NOAA	Fishery Bulletin	0090-0656	
	Fish Physiology and Biochemistry	0920-1742	
FISH RES	Fisheries Research	0165-7836	
FISHERIES MANAC	Fisheries Management and Ecology	0969-997X	农林科学

FOOD ADDIT CON Food Additives & Contaminants Part B-Surveillance	1939-3210 农林科学
FOOD ANAL METHFood Analytical Methods	1936-9751 农林科学
FOREST PATHOL Forest Pathology	1437-4781 农林科学
FOREST POLICY E(Forest Policy and Economics	1389-9341 农林科学
FORESTRY Forestry	0015-752》农林科学
GENET RESOUR CI Genetic Resources and Crop Evolution	0925-9864 农林科学
GRASS FORAGE SC Grass and Forage Science	0142-5242 农林科学
J AGR ENVIRON El Journal of Agricultural & Environmental Ethics	1187-7863 农林科学
J AGR SCI Journal of Agricultural Science	0021-8596 农林科学
J AM SOC HORTIC Journal of the American Society For Horticultural Science	
J ANIM BREED GEl Journal of Animal Breeding and Genetics-Zeitschrift Fu	
J ANIM PHYSIOL A Journal of Animal Physiology and Animal Nutrition	0931-2439 农林科学
J AQUAT ANIM HE Journal of Aquatic Animal Health	0899-7659 农林科学
J DAIRY RES Journal of Dairy Research	0022-0299 农林科学
J FELINE MED SUR Journal of Feline Medicine and Surgery	1098-612》农林科学
J FOREST Journal of Forestry	0022-1201 农林科学
J FOREST ECON Journal of Forest Economics	1104-6899 农林科学
J PLANT NUTR SOI Journal of Plant Nutrition and Soil Science-Zeitschrift F	
J SMALL ANIM PRAJournal of Small Animal Practice	0022-4510 农林科学
J SOIL WATER COl Journal of Soil and Water Conservation	0022-4561 农林科学
J VET BEHAV Journal of Veterinary Behavior-Clinical Applications an	
J VET DIAGN INVE Journal of Veterinary Diagnostic Investigation	1040-6387 农林科学
J VET PHARMACOl Journal of Veterinary Pharmacology and Therapeutics	0140-7783 农林科学
J VET SCI Journal of Veterinary Science	1229-845》农林科学
J WILDLIFE DIS Journal of Wildlife Diseases	0090-3558 农林科学
LAND DEGRAD DE Land Degradation & Development	1085-3278 农林科学
LIVEST SCI Livestock Science	1871-1413 农林科学
N AM J FISH MANA North American Journal of Fisheries Management	0275-5947 农林科学
NEW ZEAL VET J New Zealand Veterinary Journal	0048-0169 农林科学
NUTR CYCL AGRO Nutrient Cycling in Agroecosystems	1385-1314 农林科学
PLANT BREEDING Plant Breeding PRECIS AGRIC Precision Agriculture	0179-9541 农林科学 1385-2256 农林科学
RANGELAND ECOl Rangeland Ecology & Management	
	1550-7424 农林科学
RES VET SCI Research in Veterinary Science REV SCI TECH OIE Revue Scientifique Et Technique De L Office Internation	0034-5288 农林科学
SCAND J FOREST F Scandinavian Journal of Forest Research	0282-7581 农林科学
SCI HORTIC-AMST Scientia Horticulturae	0304-4238 农林科学
SILVA FENN Silva Fennica	0037-5330 农林科学
SMALL RUMINAN' Small Ruminant Research	0921-4488 农林科学
SOIL SCI Soil Science	0038-075》农林科学
SOIL SCI PLANT N Soil Science and Plant Nutrition	0038-0768 农林科学
T AM FISH SOC Transactions of the American Fisheries Society	0002-8487 农林科学
T ASABE Transactions of the Asae	0001-2351 农林科学
VET ANAESTH AN. Veterinary Anaesthesia and Analgesia	1467-2987 农林科学
VET COMP ONCOL Veterinary and Comparative Oncology	1476-5810 农林科学
VET COMP ORTHO Veterinary and Comparative Orthopaedics and Traumato	
VET DERMATOL Veterinary Dermatology	0959-4493 农林科学
VET OPHTHALMOl Veterinary Ophthalmology	1463-5216 农林科学
VET PATHOL Veterinary Pathology	0300-9858 农林科学
VET QUART Veterinary Quarterly	0165-2176 农林科学
VET RADIOL ULTR Veterinary Radiology & Ultrasound	1058-8183 农林科学

VET REC	Veterinary Record	0042-4900	水林到兴
	Worlds Poultry Science Journal	0042-4900	
	O Acta Agriculturae Scandinavica Section A-Animal Science		
	Acta Agriculturae Scandinavica Section A-Animai Science Acta Agriculturae Scandinavica Section B-Soil and Plant		
ACTA ALIMENT H		0139-3006	
	Acta Scientiarum Polonorum-Hortorum Cultus	1644-0692	
	Acta Veterinaria Brno	0001-7213	
	Acta Veterinaria Hungarica	0236-6290	
	Acta Veterinaria-Beograd	0567-8315	
AFR J AGR RES	African Journal of Agricultural Research	1991-637X	
	I Agricultural Economics-Zemedelska Ekonomika	0139-570X	
AGR FOOD SCI	Agricultural and Food Science	1459-6067	
AGR HIST	Agricultural History	0002-1482	
AGR TEC	Agricultura Tecnica	0365-2807	
AGRARFORSCHUN		1022-663X	
	Agrartechnische Forschung-Agricultural Engineering Re		
AGRIBUSINESS	Agribusiness	0742-4477	
AGROCHIMICA	Agrochimica	0002-1857	
AGROCIENCIA-ME		1405-3195	
	Agroforestry Systems	0167-4366	
ALLELOPATHY J		0971-4693	
	CAllgemeine Forst Und Jagdzeitung	0002-5852	
	American Journal of Potato Research	1099-209X	
	Ama-Agricultural Mechanization in Asia Africa and Lati		
	f Anatomia Histologia Embryologia	1439-0264	
	Animal Nutrition and Feed Technology	0972-2963	
	Ankara Universitesi Veteriner Fakultesi Dergisi	1300-0861	
ANN ANIM SCI	Annals of Animal Science	1642-3402	
ANN MED VET	Annales De Medecine Veterinaire	0003-4118	
ANTHROZOOS	Anthrozoos	0892-7936	
APPL ENG AGRIC	Applied Engineering in Agriculture	0883-8542	农林科学
AQUACULT INT	Aquaculture International	0967-6120	农林科学
ARCH GEFLUGELI	Archiv Fur Geflugelkunde	0003-9098	农林科学
ARCH MED VET	Archivos De Medicina Veterinaria	0301-732X	农林科学
ARCH TIERZUCHT	Archiv Fur Tierzucht-Archives of Animal Breeding	0003-9438	农林科学
ARQ BRAS MED V	l Arquivo Brasileiro De Medicina Veterinaria E Zootecnia	0102-0935	农林科学
AUST J CROP SCI	Australian Journal of Crop Science	1835-2693	
AUST VET PRACT	Australian Veterinary Practitioner	0310-138X	
AVIAN BIOL RES	Avian Biology Research	1758-1559	农林科学
B ACAD VET FRAM	Bulletin De L Academie Veterinaire De France	0001-4192	农林科学
	Bulletin of the European Association of Fish Pathologists		
	Bulletin of the Veterinary Institute in Pulawy	0042-4870	
BALT FOR	Baltic Forestry	1392-1355	
	Berichte Uber Landwirtschaft	0005-9080	农林科学
	Berliner Und Munchener Tierarztliche Wochenschrift	0005-9366	
	Bfpp-Connaissance Et Gestion Du Patrimoine Aquatique		
	Biological Agriculture & Horticulture	0144-8765	
	Brazilian Journal of Poultry Science	1516-635X	
CAH AGRIC	Cahiers Agricultures	1166-7699	
CALIF AGR	California Agriculture	0008-0845	
CALIF FISH GAME	California Fish and Game	0008-1078	农林科学

CAN J ANIM SCI	Canadian Journal of Animal Science	0008-3984 农林科学
CATTLE PRACT	Cattle Practice	0969-1251 农林科学
CERNE	Cerne	0104-7760 农林科学
CHIL J AGR RES	Chilean Journal of Agricultural Research	0718-5820 农林科学
CIENC AGROTEC	Ciencia E Agrotecnologia	1413-7054 农林科学
CIENC FLOREST	Ciencia Florestal	0103-9954 农林科学
CIENC INVESTIG	A Ciencia E Investigacion Agraria	0304-5609 农林科学
CIENC TEC ALIME	E Ciencia Y Tecnologia Alimentaria	1135-8122 农林科学
CIENC TEC VITIVI	l Ciencia E Tecnica Vitivinicola	0254-0223 农林科学
CIENCIA TECNOL	Ciencia E Tecnologia De Alimentos	0101-2061 农林科学
CLIN VET PEQUEN	Clinica Veterinaria De Pequenos Animales	1130-7064 农林科学
COMMUN SOIL SC	Communications in Soil Science and Plant Analysis	0010-3624 农林科学
COMPENDIUM	Compendium-Continuing Education For Veterinarians	1940-8307 农林科学
	Compost Science & Utilization	1065-657》农林科学
CROAT J FOR ENG	Croatian Journal of Forest Engineering	1845-5719 农林科学
CROP BREED APP	Crop Breeding and Applied Biotechnology	1518-7853 农林科学
CUBAN J AGR SCI	Cuban Journal of Agricultural Science	0864-0408 农林科学
CYTA-J FOOD	Cyta-Journal of Food	1947-6345 农林科学
CZECH J ANIM SC	I Czech Journal of Animal Science	1212-1819 农林科学
DAIRY SCI TECHN	Dairy Science & Technology	1958-5586 农林科学
DENDROBIOLOGY		1641-1307 农林科学
	Deutsche Tierarztliche Wochenschrift	0341-6593 农林科学
EOUINE VET EDU	Equine Veterinary Education	0957-7734 农林科学
ERWERBS-OBSTB		0014-0309 农林科学
	European Journal of Horticultural Science	1611-4426 农林科学
	(Eurasian Soil Science	1064-2293 农林科学
EXP AGR	Experimental Agriculture	0014-4797 农林科学
FISH PATHOL	Fish Pathology	0388-788》农林科学
FISHERIES SCI		0919-9268 农林科学
	Food and Agricultural Immunology	0954-0105 农林科学
FOREST CHRON	Forestry Chronicle	0015-7546 农林科学
GESUNDE PFLANZ		0367-4223 农林科学
HORTIC BRAS	Horticultura Brasileira	0102-0536 农林科学
HORTIC SCI	Horticultural Science	0862-867》农林科学
HORTSCIENCE	Hortscience	0018-5345 农林科学
HORTTECHNOLOG		1063-0198 农林科学
IAWA J	Iawa Journal	0928-1541 农林科学
IN PRACTICE	In Practice	0263-841》农林科学
	Indian Journal of Agricultural Sciences	0019-5022 农林科学
	Indian Journal of Animal Sciences	0367-8318 农林科学
	Indian Journal of Horticulture	0972-8538 农林科学
INT AGROPHYS	International Agrophysics	0236-8722 农林科学
INT FOREST REV	International Forestry Review	1465-5489 农林科学
	International Journal of Agricultural and Statistical Scientification	
	EInternational Journal of Applied Research in Veterinary	
INT J FOOD ENG	International Journal of Food Engineering	1556-3758 农林科学
	O International Journal of Plant Production	1735-6814 农林科学
	[Investigacion Agraria-Sistemas Y Recursos Forestales	1131-7965 农林科学
IPPOLOGIA	Ippologia	1120-5776 农林科学
IRAN J VET RES	Iranian Journal of Veterinary Research	1728-1997 农林科学
	Pirish Journal of Agricultural and Food Research	0791-6833 农林科学

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0368-0762 农林科学
                                                              1531-0353 农林科学
                                                              0792-1562 农林科学
                                                              0334-9152 农林科学
                                                              1594-4077 农林科学
                                                              1699-6887 农林科学
                                                              0041-9942 农林科学
                                                              0972-1665 农林科学
                                                              0587-2871 农林科学
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                                                              1230-1388 农林科学
                                                              1680-5593 农林科学
                                                              0971-2119 农林科学
                                                              1088-8705 农林科学
                                                              1056-6171 农林科学
                                                              1049-8850 农林科学
                                                              1082-6742 农林科学
                                                              0971-6777 农林科学
                                                              0737-0806 农林科学
                                                              1557-5063 农林科学
J FAC AGR KYUSH Journal of the Faculty of Agriculture Kyushu University 0023-6152 农林科学
                                                              1459-0255 农林科学
J FOOD NUTR RES Journal of Food and Nutrition Research
                                                              1336-8672 农林科学
                                                              1341-6979 农林科学
                                                              1462-0316 农林科学
J INT SCI VIGNE VIJournal International Des Sciences De La Vigne Et Du V 1151-0285 农林科学
J JPN SOC HORTIC Journal of the Japanese Society For Horticultural Science 1882-3351 农林科学
                                                              1511-2780 农林科学
                                                              1348-589》 农林科学
                                                              1861-3829 农林科学
                                                              0190-4167 农林科学
                                                              1936-5209 农林科学
J PROF ASSOC CA(Journal of the Professional Association For Cactus Devel 1938-663》农林科学
JS AFR VET ASSO(Journal of the South African Veterinary Association-Tyd 0038-2809 农林科学
                                                              1044-0046 农林科学
                                                              1537-209》 农林科学
                                                              0128-1283 农林科学
J VERBRAUCH LEI Journal Fur Verbraucherschutz Und Lebensmittelsicherh (1661-5751 农林科学
                                                              0898-7564 农林科学
                                                              1479-3261 农林科学
                 Journal of Veterinary Medicine Series A-Physiology Path 0931-184% 农林科学
                                                              0748-321》农林科学
                                                              0916-7250 农林科学
                                                              0893-8849 农林科学
                                                              1042-7260 农林科学
                                                              0021-3551 农林科学
                                                              0047-1917 农林科学
KAFKAS UNIV VETKafkas Universitesi Veteriner Fakultesi Dergisi
                                                              1300-6045 农林科学
KLEINTIERPRAXIS Kleintierpraxis
                                                              0023-2076 农林科学
                                                              1225-8563 农林科学
KOREAN J FOOD S Korean Journal For Food Science of Animal Resources
                                                              1226-8763 农林科学
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LAB ANIMAL Lab Animal	0093-7355 农林科学
LANDBAUFORSCH Landbauforschung Volkenrode	0458-6859 农林科学
LISTY CUKROV REListy Cukrovarnicke A Reparske	1210-3306 农林科学
MAGY ALLATORV Magyar Allatorvosok Lapja	0025-004% 农林科学
MAR RESOUR ECO Marine Resource Economics	0738-1360 农林科学
MAYDICA Maydica	0025-6153 农林科学
MLJEKARSTVO Mljekarstvo	0026-704% 农林科学
N AM J AQUACUL North American Journal of Aquaculture	1522-2055 农林科学
NEW FOREST New Forests	0169-4286 农林科学
NEW ZEAL J AGR FNew Zealand Journal of Agricultural Research	0028-8233 农林科学
NEW ZEAL J CROP New Zealand Journal of Crop and Horticultural Science	ce 0114-0671农林科学
NIPPON SUISAN GANippon Suisan Gakkaishi	0021-5392 农林科学
NJAS-WAGEN J LIF Njas-Wageningen Journal of Life Sciences	1573-5214 农林科学
NORTH J APPL FOF Northern Journal of Applied Forestry	0742-6348 农林科学
ONDERSTEPOORT Onderstepoort Journal of Veterinary Research	0030-2465 农林科学
OUTLOOK AGR Outlook On Agriculture	0030-7270 农林科学
PESQUI AGROPECI Pesquisa Agropecuaria Brasileira	0100-204% 农林科学
PESQUISA VET BR Pesquisa Veterinaria Brasileira	0100-736% 农林科学
PFERDEHEILKUNT Pferdeheilkunde	0177-7726 农林科学
PHILIPP AGRIC SCIPhilippine Agricultural Scientist	0031-7454 农林科学
PHILIPP J CROP SC Philippine Journal of Crop Science	0115-463%农林科学
PHILIPP J VET MEI Philippine Journal of Veterinary Medicine	0031-7705 农林科学
PLANT PROD SCI Plant Production Science	1343-943》农林科学
PLANT SOIL ENVIF Plant Soil and Environment	1214-1178 农林科学
POINT VET Point Veterinaire	0335-4997 农林科学
POL J VET SCI Polish Journal of Veterinary Sciences	1505-1773 农林科学
PRAKT TIERARZT Praktische Tierarzt	0032-681》农林科学
PROD ANIM Productions Animales	0990-0632 农林科学
PROPAG ORNAM P Propagation of Ornamental Plants	1311-9109 农林科学
RENEW AGR FOOE Renewable Agriculture and Food Systems	1742-1705 农林科学
REV BRAS CIENC S Revista Brasileira De Ciencia Do Solo	0100-0683 农林科学
REV BRAS FRUTIC Revista Brasileira De Fruticultura	0100-2945 农林科学
REV BRAS MED VI Revista Brasileira De Medicina Veterinaria	0100-2430 农林科学
REV BRAS PARASI Revista Brasileira De Parasitologia Veterinaria	0103-846% 农林科学
REV BRAS ZOOTE(Revista Brasileira De Zootecnia-Brazilian Journal of A	
REV CIENC AGRO! Revista Ciencia Agronomica	0045-6888 农林科学
REV CIENT-FAC CI Revista Cientifica-Facultad De Ciencias Veterinarias	0798-2259 农林科学
REV FAC CIENC A(Revista De La Facultad De Ciencias Agrarias	0370-4661 农林科学
REV FITOTEC MEX Revista Fitotecnia Mexicana	0187-7380 农林科学
REV MED VET-TOI Revue De Medecine Veterinaire	0035-1555 农林科学
REV MVZ CORDOF Revista Mvz Cordoba	0122-0268 农林科学
REV SUISSE AGRIC Revue Suisse D Agriculture	0375-1325 农林科学
ROM AGRIC RES Romanian Agricultural Research	1222-4227 农林科学
S AFR J ANIM SCI South African Journal of Animal Science-Suid-Afrika	
SABRAO J BREED (Sabrao Journal of Breeding and Genetics	1029-7073 农林科学
SCHWEIZ ARCH TI Schweizer Archiv Fur Tierheilkunde	0036-7281 农林科学
SCI AGR Scientia Agricola	0103-9016 农林科学
SEED SCI TECHNO Seed Science and Technology	0251-0952 农林科学
SEMIN-CIENC AGR Semina-Ciencias Agrarias	1676-546》农林科学
SILVAE GENET Silvae Genetica	0037-5349 农林科学
SOUTH FORESTS Southern Forests	2070-2620 农林科学

SOUTH J APPL FOR Southern Journal of SPAN J AGRIC RES Spanish Journal of A SYLWAN Sylwan TARIM BILIM DER Tarim Bilimleri Der TEC PECU MEX Tecnica Pecuaria En THAI J VET MED Thai Journal of Veto TIERAERZTL PRAY Tierarztliche Praxis	Agricultural Research rgisi-Journal of Agricultural Sciences n Mexico erinary Medicine	0148-4419 农林科学 1695-971》 农林科学 0039-7660 农林科学 1300-7580 农林科学 0040-1889 农林科学 0125-6491 农林科学 0303-6286 农林科学
TIERAERZTL UMS(Tieraerztliche Umschrift Voor Die TIJDSCHR DIERGE Tijdschrift Voor Die TOP COMPANION Topics in Companio TREE-RING RES Tree-Ring Research TROP ANIM HEALTTropical Animal Healt TROP GRASSLAND Tropical Grasslands	ergeneeskunde on Animal Medicine of ealth and Production	0049-3864 农林科学 0040-7453 农林科学 1938-9736 农林科学 1536-1098 农林科学 0049-4747 农林科学 0049-4763 农林科学
TURK J AGRIC FOF Turkish Journal of A TURK J VET ANIM Turkish Journal of V VET CLIN N AM-E(Veterinary Clinics of VET CLIN N AM-F(Veterinary Clinics of VET CLIN N AM-SN Veterinary Clinics of VET CLIN PATH Veterinary Clinical	Veterinary & Animal Sciences of North America-Equine Practice of North America-Food Animal Pract of North America-Small Animal Pract	
VET MED-CZECH Veterinarni Medicir VET PRACT Veterinary Practitio VET RES COMMUN Veterinary Research VET ZOOTECH-LIT Veterinarija Ir Zoote VETERINARIA-CRI Veterinaria VITIS Vitis	na ner n Communications	0375-8427 农林科学 0972-4036 农林科学 0165-7380 农林科学 1392-2130 农林科学 0394-3151 农林科学 0042-7500 农林科学
VLAAMS DIERGEN Vlaams Diergenees! WEED BIOL MANAWeed Biology and I WEED TECHNOL Weed Technology WEST J APPL FOR Western Journal of WIEN TIERARZTL Wiener Tierarztlich WORLD RABBIT S(World Rabbit Scien	Management Applied Forestry e Monatsschrift	0303-9021 农林科学 1444-6162 农林科学 0890-037 农林科学 0885-6095 农林科学 0043-535 农林科学
ZUCHTUNGSKUNE Zuchtungskunde AM J BIOETHICS American Journal o ECONOMETRICA Econometrica ANN APPL STAT Annals of Applied S EXERC SPORT SCI Exercise and Sport	f Bioethics Statistics Sciences Reviews	1257-5011 农林科学 0044-5401 农林科学 1526-5161 社会科学 0012-9682 社会科学 1932-6157 社会科学 0091-6331 社会科学
J ECONOMETRICS Journal of Econome J CONTIN EDUC HI Journal of Continuin J SPORT MANAGE Journal of Sport Ma J SPORT SCI Journal of Sports Sc J STRENGTH CONE Journal of Strength NETW SPAT ECON Networks & Spatial	ng Education in the Health Profession inagement ciences and Conditioning Research Economics	0888-4773 社会科学 0264-0414 社会科学 1064-8011 社会科学 1566-113×社会科学
QUANT FINANC RES Q EXERCISE S Research Quarterly BER WISSGESCH DYNAMIS Dynamis EPISTEMOLOGIA Epistemologia HIST STUD NAT SC Historical Studies in J AGR RESOUR EC(Journal of Agricultu J HIST NEUROSCI J TEACH PHYS ED(Journal of Teaching	For Exercise and Sport nschaftsgeschichte In the Natural Sciences and and Resource Economics ry of the Neurosciences	1469-7688 社会科学 0270-1367 社会科学 0170-6233 社会科学 0211-9536 社会科学 0392-9760 社会科学 1939-1811 社会科学 1068-5502 社会科学 0964-704½ 社会科学 0273-5024 社会科学

NITTOTAL		0004 5004	N. A. TALW
NUNCIUS	Nuncius-Journal of the History of Science	0394-7394	
QUEST	Quest	0033-6297	
REV MEX FIS E	Revista Mexicana De Fisica E	1870-3542	
SCI SPORT	Science & Sports	0765-1597	
SOC ANIM	Society & Animals	1063-1119	
SOC HIST MED	Social History of Medicine	0951-631X	
	I Social Science Computer Review	0894-4393	
	Sociology of Sport Journal	0741-1235	
	Sport Education and Society	1357-3322	
	Strength and Conditioning Journal	1524-1602	
	Technology and Culture	0040-165X	
	American Journal of Human Genetics	0002-9297	
	Annual Review of Biochemistry	0066-4154	
	Annual Review of Biophysics and Biomolecular Structur		
	Annual Review of Biophysics	1936-122X	
	C Annual Review of Cell and Developmental Biology	1081-0706	
	E Annual Review of Ecology Evolution and Systematics	1543-592X	
	v Annual Review of Entomology	0066-4170	
	Γ Annual Review of Genetics	0066-4197	
	Annual Review of Genomics and Human Genetics	1527-8204	,, •
	Annual Review of Microbiology	0066-4227	
	O Annual Review of Phytopathology	0066-4286	
	Γ Annual Review of Plant Biology	1543-5008	
CELL	Cell	0092-8674	
	CCell Host & Microbe	1931-3128	
CELL STEM CELL	Cell Metabolism	1550-4131	
CELL STEM CELL		1934-5909	
	Critical Reviews in Biochemistry and Molecular Biology		
CURR BIOL	Current Biology	0960-9822	
	F Current Opinion in Cell Biology	0955-0674	
	Current Opinion in Genetics & Development	0959-437X	
	I Current Opinion in Plant Biology	1369-5266 0959-440X	
	C Current Opinion in Structural Biology		
DEV CELL GENE DEV	Developmental Cell	1534-5807	
GENOME RES	Genes & Development Genome Research	0890-9369	,, •
J CELL BIOL	Journal of Cell Biology	1088-9051 0021-9525	,, •
	I Microbiology and Molecular Biology Reviews	1092-2172	
MOL CELL	Molecular Cell	1092-2172	
MOL SYST BIOL	Molecular Systems Biology	1744-4292	
NAT CELL BIOL	Nature Cell Biology	1465-7392	
NAT CHEM BIOL	Nature Chemical Biology	1552-4450	
NAT GENET	Nature Genetics	1061-4036	
NAT METHODS	Nature Methods	1548-7091	
	Nature Reviews Genetics	1471-0056	
	Nature Reviews Microbiology	1740-1526	
	I Nature Reviews Molecular Cell Biology	1471-0072	
	Nature Structural & Molecular Biology	1545-9985	
PLANT CELL	Plant Cell	1040-4651	
PLOS BIOL	Plos Biology	1544-9173	
PLOS GENET	Plos Genetics	1553-7390	
LLOS OLIVEI	1100 Selletten	1000 1000	_L.7%

PLOS PATHOG	Plos Pathogens	1553-7366	生物
PROG LIPID RES	Progress in Lipid Research	0163-7827	生物
Q REV BIOPHYS	Quarterly Reviews of Biophysics	0033-5835	生物
TRENDS BIOCHEN	ATrends in Biochemical Sciences	0968-0004	生物
TRENDS CELL BIO	Trends in Cell Biology	0962-8924	生物
	(Trends in Ecology & Evolution	0169-5347	
TRENDS GENET		0168-9525	
	C Trends in Plant Science	1360-1385	
	Acs Chemical Biology	1554-8929	
ADDICT BIOL	Addiction Biology	1355-6215	
	S Advances in Insect Physiology	0065-2806	
	Advances in Microbial Physiology	0065-2911	
	E Advances in Protein Chemistry	0065-3233	
AGING CELL	Aging Cell	1474-9718	
	I American Journal of Physiology-Cell Physiology	0363-6143	
	MAmerican Journal of Respiratory Cell and Molecular Bio		
	X Antioxidants & Redox Signaling	1523-0864	
	I Applied and Environmental Microbiology	0099-2240	
AUTOPHAGY	Autophagy	1554-8627	
	Γ Biochimica Et Biophysica Acta-Bioenergetics	0005-2728	,, ,
	A Biochimica Et Biophysica Acta-Biomembranes	0005-2736	
	D Biochimica Et Biophysica Acta-Molecular Basis of Dise		
	I Biochimica Et Biophysica Acta-Molecular and Cell Biol		
	FBiochimica Et Biophysica Acta-Molecular Cell Research		
BIOCHEM J	Biochemical Journal	0264-6021	
	Bioconjugate Chemistry	1043-1802	
BIOESSAYS	Bioessays	0265-9247	生物
BIOFUEL BIOPRO	C Biofuels Bioproducts & Biorefining-Biofpr	1932-104X	生物
BIOINFORMATICS	S Bioinformatics	1367-4803	生物
BIOL REV	Biological Reviews	1464-7931	生物
BIOPHYS J	Biophysical Journal	0006-3495	生物
BIOSCIENCE	Bioscience	0006-3568	生物
BMC BIOL	Bmc Biology	1741-7007	生物
BMC EVOL BIOL	Bmc Evolutionary Biology	1471-2148	生物
BMC GENOMICS	Bmc Genomics	1471-2164	
BMC SYST BIOL	Bmc Systems Biology	1752-0509	,, ,
	A Briefings in Bioinformatics	1467-5463	
CELL CALCIUM	Cell Calcium	0143-4160	
CELL CYCLE	Cell Cycle	1538-4101	
	ECell Death and Differentiation	1350-9047	
	Cellular Microbiology	1462-5814	
	C Cmls-Cellular and Molecular Life Sciences	1420-682X	
CELL RES	Cell Research	1001-0602	
CELL SIGNAL	Cellular Signalling	0898-6568	
	V Cell Transplantation	0963-6897	
CHEM BIOL	Chemistry & Biology	1074-5521	
CHROMOSOMA	Chromosoma	0009-5915	
CLADISTICS CRIT REV DI ANT	Cladistics-The International Journal of the Willi Hennig		
	S Critical Reviews in Plant Sciences	0735-2689	
	Current Opinion in Chemical Biology	1367-5931	
CURR OPIN MICRO	CCurrent Opinion in Microbiology	1369-5274	生物

	CCurrent Topics in Developmental Biology Cytokine & Growth Factor Reviews	0070-2153 <u>4</u>	
DEV BIOL	Developmental Biology	0012-1606	
DEVELOPMENT	Development	0950-1991 <u>*</u>	,, •
DNA REPAIR	Dna Repair	1568-7864 <u>*</u>	
DNA RES	Dna Research	1340-2838	
EMBO J	Embo Journal	0261-4189	
EMBO REP	Embo Reports	1469-221X	
EPIGENETICS	Epigenetics	1559-2294 <u>*</u>	
	HEuropean Cells & Materials	1473-2262	
	I European Journal of Human Genetics	1018-4813	
EVOL APPL	Evolutionary Applications	1752-4571	
FASEB J	Faseb Journal	0892-6638	
FEMS MICROBIOL	Fems Microbiology Reviews	0168-6445	
	EFunctional & Integrative Genomics	1438-793X	
GENETICS	Genetics	0016-6731	主物
GENOME BIOL	Genome Biology	1474-760X	主物
GLYCOBIOLOGY	Glycobiology	0959-6658	主物
HEREDITY	Heredity	0018-067X <u>*</u>	主物
HUM GENET	Human Genetics	0340-6717 5	主物
HUM MOL GENET	Human Molecular Genetics	0964-6906	主物
INT J BIOCHEM CI	E International Journal of Biochemistry & Cell Biology	1357-2725 <u>*</u>	主物
INT REV CYTOL	International Review of Cytology-A Survey of Cell Biol	c 0074-7696 <u>*</u>	主物
J BACTERIOL	Journal of Bacteriology	0021-9193 <u>*</u>	主物
J BIOL CHEM	Journal of Biological Chemistry	0021-9258 <u>*</u>	主物
J BIOL RHYTHM	Journal of Biological Rhythms	0748-7304 <u>*</u>	主物
J CELL PHYSIOL	Journal of Cellular Physiology	0021-9541 <u>*</u>	主物
J CELL SCI	Journal of Cell Science	0021-9533 <u>*</u>	主物
J EXP BOT	Journal of Experimental Botany	0022-0957 <u>*</u>	主物
J LIPID RES	Journal of Lipid Research	0022-2275 <u>/</u>	,, •
J MOL BIOL	Journal of Molecular Biology	0022-2836 <u>*</u>	主物
J PROTEOME RES	Journal of Proteome Research	1535-3893 <u>*</u>	主物
J PROTEOMICS	Journal of Proteomics	1874-3919 <u>4</u>	主物
MITOCHONDRION		1567-7249 <u>4</u>	
MOL BIOL CELL	Molecular Biology of the Cell	1059-1524 <u>*</u>	
MOL BIOL EVOL	Molecular Biology and Evolution	0737-4038 <u>*</u>	
MOL BIOSYST	Molecular Biosystems	1742-206X <u>*</u>	
MOL CELL BIOL	Molecular and Cellular Biology	0270-7306 <u>*</u>	
	Molecular & Cellular Proteomics	1535-9476 <u>*</u>	
MOL ECOL	Molecular Ecology	0962-1083 <u>*</u>	
MOL INTERV	Molecular Interventions	1534-0384 <u>*</u>	
	Molecular Microbiology	0950-382X <u>*</u>	
	R(Molecular Plant-Microbe Interactions	0894-0282	
	Mutation Research-Reviews in Mutation Research	1383-5742	
NAT PROTOC	Nature Protocols	1754-2189 <u>*</u>	
NEW PHYTOL	New Phytologist	0028-646X <u>*</u>	
	Nucleic Acids Research	0305-1048 =	
	FOceanography and Marine Biology	0078-3218	
	L Proceedings of the Royal Society B-Biological Sciences		
	Philosophical Transactions of the Royal Society of Lond		
PLANT BIOTECHN	VPlant Biotechnology Journal	1467-7644 <u>F</u>	上牣

PLANT J PLANT PHYSIOL PLOS COMPUT BIO PLOS ONE PROG BIOPHYS MO PROG HISTOCHEM PROTEOMICS Q REV BIOL RNA	Plos Computational Biology Plos One Progress in Biophysics & Molecular Biology Progress in Histochemistry and Cytochemistry Proteomics Quarterly Review of Biology Rna-A Publication of the Rna Society	0140-7791 生物 0960-7412 生物 0032-0889 生物 1553-734× 生物 1932-6203 生物 0079-6107 生物 0079-6336 生物 1615-9853 生物 0033-5770 生物 1355-8382 生物	
RNA BIOL SEMIN CELL DEV	Rna Biology I Seminars in Cell & Developmental Biology	1547-6286 生物 1084-9521 生物	
STRUCTURE	Structure	0969-2126生物	
STUD MYCOL	Studies in Mycology	0166-0616 生物	
SYST BIOL	Systematic Biology	1063-5157 生物	
TISSUE ENG	Tissue Engineering Traffic	1076-3279 生物	
TRAFFIC TRENDS MICRORI	Tranic (Trends in Microbiology	1398-9219 生物 0966-842 * 生物	
	CActa Crystallographica Section D-Biological Crystallogra	// •	
	Advances in Carbohydrate Chemistry and Biochemistry	0065-2318 生物	
ADV GENET	Advances in Genetics	0065-2660 生物	
ADV MAR BIOL	Advances in Marine Biology	0065-2881 生物	
AM J BOT	American Journal of Botany	0002-9122 生物	
AM J MED GENET	American Journal of Medical Genetics Part A	1552-4825 生物	j
AM J PHYS ANTHE	R American Journal of Physical Anthropology	0002-9483 生物	I
AMINO ACIDS	Amino Acids	0939-4451 生物	
ANAL BIOCHEM	Analytical Biochemistry	0003-2697 生物	
ANIM BEHAV	Animal Behaviour	0003-3472 生物	
ANIM COGN	Animal Cognition	1435-9448 生物	
ANIM GENET	Animal Genetics	0268-9146 生物	
ANN BOT-LONDO	Annals of Botany Annals of Human Genetics	0305-7364 生物0003-4800 生物	
APOPTOSIS	Apoptosis	1360-8185 生物	
	Archives of Biochemistry and Biophysics	0003-9861 生物	
ASTROBIOLOGY		1531-1074 生物	
AUK	Auk	0004-8038 生物	
BBA-GEN SUBJEC	Biochimica Et Biophysica Acta-General Subjects	0304-4165 生物	
	Biochimica Et Biophysica Acta-Gene Regulatory Mechan	1874-9399 生物	j
BBA-PROTEINS PR	Biochimica Et Biophysica Acta-Proteins and Proteomics	1570-9639 生物	I
	Behavioral Ecology and Sociobiology	0340-5443 生物	
BEHAV GENET	Behavior Genetics	0001-8244 生物	
	R Biochemical and Biophysical Research Communications		
	Biochemistry and Cell Biology-Biochimie Et Biologie Ce		
BIOCHEMISTRY-U	Biochemical Society Transactions Biochemistry	0300-5127 生物0006-2960 生物	
BIOCHEMIS IR 1-0	Biochimie	0300-2900 生物	
BIOELECTROCHE		1567-5394 生物	
	Bioelectromagnetics	0197-8462 生物	
BIOFOULING	Biofouling	0892-7014 生物	
BIOINTERPHASES		1559-4106 生物	
BIOL CELL	Biology of the Cell	0248-4900 生物	

BIOL CHEM BIOL DIRECT BIOL LETTERS	Biological Chemistry Biology Direct Biology Letters	1431-6730 生物 1745-6150 生物 1744-9561 生物
BIOL REPROD BIOMETALS	Biology of Reproduction Biometals	0006-3363 生物 0966-0844 生物
BIOMICROFLUIDI		1932-1058 生物
BIOMOL ENG	Biomolecular Engineering	1389-0344 生物
BIOPOLYMERS	Biopolymers	0006-3525 生物
BIOSCIENCE REP	Bioscience Reports	0144-8463 生物
BIOSTATISTICS	Biostatistics	1465-4644 生物
BMB REP	Bmb Reports ABmc Bioinformatics	1976-6696 生物
BMC CELL BIOL		1471-2105 生物 1471-2121 生物
BMC DEV BIOL		1471-2137 生物
BMC MICROBIOL		1471-2180 生物
	Bmc Molecular Biology	1471-2199 生物
BMC PLANT BIOL		1471-2229 生物
BMC STRUCT BIO	I Bmc Structural Biology	1471-2237 生物
BOT REV	Botanical Review	0006-8101生物
	I Cell Biochemistry and Biophysics	1085-9195 生物
	Cellular and Molecular Neurobiology	0272-4340 生物
	Cell Motility and the Cytoskeleton	0886-1544 生物
	Cellular Physiology and Biochemistry	1015-8987 生物
CELL PROLIFERAT		0960-7722生物
	Cell Stress & Chaperones Cell and Tissue Research	1355-8145 生物
	Cell and Tissue Research Cells Tissues Organs	0302-766》全物 1422-6405 生物
	Chemistry and Physics of Lipids	0009-3084 生物
CHEMBIOCHEM		1439-4227 生物
	R Chemico-Biological Interactions	0009-2797生物
	E Chromosome Research	0967-3849 生物
CHRONOBIOL INT	Chronobiology International	0742-0528 生物
CLONING STEM C	F Cloning and Stem Cells	1536-2302 生物
COLLOID SURFAC	Colloids and Surfaces B-Biointerfaces	0927-7765 生物
CORAL REEFS	Coral Reefs	0722-4028 生物
	(Critical Reviews in Eukaryotic Gene Expression	1045-4403 生物
	3 Critical Reviews in Microbiology	1040-841》 生物
CURR GENET		0172-8083 生物
	Current Issues in Molecular Biology	1467-3037 生物
CYTOM PART A	Current Protein & Peptide Science	1389-2037 生物 1552-4922 生物
DEV DYNAM		1058-8388 生物
	Developmental Neurobiology	1932-8451 生物
DIFFERENTIATION		0301-4681 生物
ELECTROPHORES		0173-0835 生物
ENZYME MICROB	Enzyme and Microbial Technology	0141-0229 生物
	Essays in Biochemistry	0071-1365生物
EUKARYOT CELL	· ·	1535-9778生物
	(European Biophysics Journal With Biophysics Letters	0175-7571 生物
	European Journal of Cell Biology	0171-9335 生物
EVOL BIOL	Evolutionary Biology	0071-3260 生物

EVOL DEV	Evolution & Development	1520-5412	生物
EVOL HUM BEHA	\Evolution and Human Behavior	1090-5138	生物
EXPERT REV PRO	I Expert Review of Proteomics	1478-9450	生物
FEBS J	Febs Journal	1742-464X	
FEBS LETT	Febs Letters	0014-5793	
FEMS MICROBIOL	Fems Microbiology Ecology	0168-6496	
	Fems Yeast Research	1567-1356	
FORENSIC SCI INT	Forensic Science International-Genetics	1872-4973	
FREE RADICAL RE	E Free Radical Research	1071-5762	
FRESHWATER BIO	Freshwater Biology	0046-5070	
FRONT BIOSCI	Frontiers in Bioscience	1093-9946	
FUNGAL DIVERS		1560-2745	
	Fungal Genetics and Biology	1087-1845	
GENE	Gene	0378-1119	
GENES CELLS	Genes to Cells	1356-9597	
GENESIS	Genesis	1526-954X	
GENOMICS	Genomics	0888-7543	
GEOBIOLOGY	Geobiology	1472-4677	
GROWTH FACTOR		0897-7194	
HARMFUL ALGAE		1568-9883	
	Histochemistry and Cell Biology	0948-6143	
	Γ Histology and Histopathology	0213-3911	
HUM HERED	Human Heredity	0001-5652	
IET SYST BIOL	Iet Systems Biology	1751-8849	
INNATE IMMUN		1753-4259	
	Insect Biochemistry and Molecular Biology	0965-1748	
	Insect Molecular Biology	0962-1075	
INT J BIOL SCI		1449-2288	
	International Journal of Developmental Biology	0214-6282	
	Ninternational Journal of Systematic and Evolutionary Mic		
	International Microbiology	1139-6709	
	O Integrative and Comparative Biology	1540-7063	,, ,
IUBMB LIFE	Iubmb Life	1521-6543	,, ,
	I Journal of Applied Microbiology	1364-5072	
J AVIAN BIOL	Journal of Avian Biology	0908-8857	
	L Journal of Bioenergetics and Biomembranes	0145-479X	
J BIOMECH	Journal of Biomechanics	0021-9290	,, ,
	N Journal of Biomolecular Screening	1087-0571	
	Journal of Cellular Biochemistry	0730-2312	
	Dournal of Computer-Aided Molecular Design	0920-654X	
	S Journal of Computational Neuroscience	0929-5313	,, ,
	I Journal of Evolutionary Biology	1010-061	
J EXP BIOL	Journal of Experimental Biology	0022-0949	
	Nournal of Experimental Psychology-Animal Behavior Page 1988		
	Journal of Experimental Tsychology-Ammai Behavior I		
	I Journal of Histochemistry & Cytochemistry	0022-1554	
J HUM EVOL	Journal of Human Evolution	0047-2484	
J HUM GENET	Journal of Human Genetics	1434-5161	
	Journal of Indinan Genetics Journal of Inorganic Biochemistry	0162-0134	
	L Journal of Insect Physiology	0022-1910	
	I Journal of Membrane Biology	0022-1910	
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MAMMAL REV MATRIX BIOL MECH DEVELOP METHODS MICROB ECOL MICROBES ENVIR MICROBIOL-SGM MOL GENET GENO MOL GENET META	Molecular Genetics and Genomics Molecular Genetics and Metabolism Molecular Human Reproduction	0938-8990 0305-1838 0945-053X 0925-4773 1046-2023 0095-3628 1342-6311 1350-0872 1617-4615 1096-7192 1360-9947 1535-3508	生生生生生生生生生生生物物物物物物物物物物物物物物物物物物物物物物物物物物物物
MOL MEMBR BIOM MOL PHYLOGENE MOL PLANT MOL PLANT PATH MOL REPROD DEV MOL VIS MUTAGENESIS MUTAT RES-FUND MUTAT RES-GEN MYCOL RES MYCORRHIZA	Molecular Membrane Biology Molecular Phylogenetics and Evolution Molecular Plant Molecular Plant Pathology Molecular Reproduction and Development Molecular Vision Mutagenesis Mutation Research-Fundamental and Molecular Mechan Mutation Research-Genetic Toxicology and Environmen Mycological Research Mycorrhiza	0968-7688 1055-7903 1674-2052 1464-6722 1040-4523 1090-0535 0267-8357 i0027-5107 1383-5718 0953-7562 0940-6360	生生生生生生生生生生生物物物物物物物物物物物物物物物物物物物物物物物物物物物物
OMICS PHOTOCH PHOTOD PHOTOCHEM PHO PHOTOSYNTH RES PHYS BIOL PHYS LIFE REV PHYSIOL BIOCHEM PHYSIOL GENOMI		1749-8104 1089-8603 1536-2310 1474-905½ 0031-8655 0166-8595 1478-3967 1571-0645 1522-2152 1094-8341 0031-9317 0031-9422	生生生生生生生生生生生物物物物物物物物物物物物物物物物物物物物物物物物物物物物

PLANT MOL BIOL PLANTA	Plant Molecular Biology Planta	0167-4412 0032-0935	
PRESLIA	Preslia	0032-0735	
	Process Biochemistry	1359-5113	
	Progress in Nucleic Acid Research and Molecular Biolog		
	Prostaglandins & Other Lipid Mediators	1098-8823	
	Protein Engineering Design & Selection	1741-0126	
PROTEIN SCI	Protein Science	0961-8368	
PROTEINS	Proteins-Structure Function and Genetics	0887-3585	
PROTEOME SCI	Proteome Science	1477-5956	
PROTIST	Protist	1434-4610	
REPROD FERT DEV	Reproduction Fertility and Development	1031-3613	生物
	Reproductive Toxicology	0890-6238	生物
REPRODUCTION	Reproduction	1470-1626	生物
STEM CELL RES	Stem Cell Research	1873-5061	生物
SYST APPL MICRO	Systematic and Applied Microbiology	0723-2020	生物
SYST ENTOMOL	Systematic Entomology	0307-6970	生物
TAXON	Taxon	0040-0262	生物
THEOR APPL GENI	Theoretical and Applied Genetics	0040-5752	生物
TRANSGENIC RES	Transgenic Research	0962-8819	
	Wildlife Monographs	0084-0173	,, •
YEAST	Yeast	0749-503X	
ZOOL SCR	Zoologica Scripta	0300-3256	
ACTA ADRIAT	Acta Adriatica	0001-5113	
	Acta Biochimica Et Biophysica Sinica	1672-9145	
	Acta Biochimica Polonica	0001-527X	
	Acta Biologica Cracoviensia Series Botanica	0001-5296	
	Acta Biologica Hungarica	0236-5383	
ACTA BIOTHEOR		0001-5342	
	Acta Botanica Gallica	1253-8078	
	Acta Botanica Mexicana	0187-7151	
	Acta Chiropterologica	1508-1109	,, •
	Acta Crystallographica Section F-Structural Biology and		
ACTA CYTOL	Acta Cytologica	0001-5547	
ACTA ETHOL ACTA HISTOCHEM	Acta Ethologica	0873-9749	,, •
	Acta Histochemica Et Cytochemica	0065-1281	
ACTA ORNITHOL	· · · · · · · · · · · · · · · · · · ·	0044-5991 0001-6454	
	Acta Physiologiae Plantarum	0137-5881	
ACTA PROTOZOOI		0065-1583	
	Acta Societatis Botanicorum Poloniae	0003-1383	
ACTA THERIOL		0001-0977	
	Acta Zoologica Academiae Scientiarum Hungaricae	1217-8837	
ACTA ZOOL-STOC		0001-7272	,, •
ADANSONIA	Adansonia	1280-8571	
	Advances in Anatomy Embryology and Cell Biology	0301-5556	
	Advances in Applied Microbiology	0065-2164	
ADV BOT RES	Advances in Botanical Research	0065-2296	
AFR ENTOMOL	African Entomology	1021-3589	
AFR INVERTEBR	African Invertebrates	1681-5556	
	African Journal of Herpetology	0441-6651	

AFR J MAR SCI	African Journal of Marine Science	1814-232X	生物
AFR J MICROBIOL	African Journal of Microbiology Research	1996-0808	生物
AFR ZOOL	African Zoology	1562-7020	
	Algorithms For Molecular Biology	1748-7188	
AM BEE J	American Bee Journal	0002-7626	
AM BIOL TEACH	American Biology Teacher	0002-7685	
AM FERN J	American Fern Journal	0002-7003	
	American Journal of Human Biology	1042-0533	
	American Journal of Primatology	0275-2565	
	A Alia Bulletin	0740-2783	
AMPHIBIA-REPTII	^ ^	0173-5373	,, ,
AMYLOID	Amyloid-Journal of Protein Folding Disorders	1350-6129	
ANAEROBE	Anaerobe	1075-9964	
ANIM BIOL	Animal Biology	1570-7555	
	Γ Animal Cells and Systems	1976-8354	
ANIM SCI J		1344-3941	
	P Animal Science Papers and Reports	0860-4037	
	Annals of Applied Biology	0003-4746	,, ,
ANN BOT FENN		0003-3847	生物
	C Annals of the Entomological Society of America	0013-8746	生物
ANN HUM BIOL	Annals of Human Biology	0301-4460	生物
ANN MICROBIOL	Annals of Microbiology	1590-4261	生物
ANN MO BOT GAR	R Annals of the Missouri Botanical Garden	0026-6493	生物
ANN SOC ENTOMO	C Annales De La Societe Entomologique De France	0037-9271	生物
ANN ZOOL	Annales Zoologici	0003-4541	生物
ANN ZOOL FENN	Annales Zoologici Fennici	0003-455X	生物
ANTHROPOL SCI	Anthropological Science	0918-7960	生物
	l'Antonie Van Leeuwenhoek International Journal of Gen	e 0003-6072	生物
APIDOLOGIE	Apidologie	0044-8435	
APPL BIOCHEM M	Applied Biochemistry and Microbiology	0003-6838	
	(Applied Entomology and Zoology	0003-6862	
AQUAT BIOL	Aquatic Biology	1864-7790	
AOUAT BOT	Aquatic Botany	0304-3770	
AQUAT INSECT	Aquatic Insects	0165-0424	
ARCH BIOL SCI	Archives of Biological Sciences	0354-4664	
	I Archives of Histology and Cytology	0914-9465	
	Archives of Insect Biochemistry and Physiology	0739-4462	,, •
	Archives of Microbiology	0302-8933	
ARDEA	Ardea	0373-2266	
ARDEOLA	Ardeola	0570-7358	
	L Arthropod Structure & Development	1467-8039	
	Arthropod-Plant Interactions	1872-8855	
ASIA LIFE SCI	Asia Life Sciences	0117-3375	
AUST J BOT	Australian Journal of Botany	0067-1924	
	Australian Journal of Entomology	1326-6756	
AUST J ZOOL	Australian Journal of Entomology Australian Journal of Zoology	0004-959X	
AUST SYST BOT	Australian Systematic Botany	1030-1887	
	Australasian Plant Pathology	0815-3191	
B ENTOMOL RES		0007-4853	
B INSECTOL			
	Bulletin of Insectology	1721-8861	
B MATH BIOL	Bulletin of Mathematical Biology	0092-8240	土物

B SOC BOT MEX	Boletin De La Sociedad Botanica De Mexico	0366-2128生物
BANGL J BOT	Bangladesh Journal of Botany	0253-5416生物
	Bangladesh Journal of Plant Taxonomy	1028-2092 生物
BEHAV PROCESS		0376-6357生物
BEHAVIOUR	Behaviour	0005-7959 生物
BELG J BOT	Belgian Journal of Botany	0778-4031 生物
BELG J ZOOL	Belgian Journal of Zoology	0777-6276 生物
BIOACOUSTICS	Bioacoustics-The International Journal of Animal Sound	» •
	Biocatalysis and Biotransformation	1024-2422 生物
BIOCELL	Biocell	0327-9545 生物
	Biochemical Genetics	0006-2928 生物
	(Biochemistry and Molecular Biology Education	1470-8175 生物
	Biochemical Systematics and Ecology	0305-1978 生物
	1 Biochemistry-Moscow	0006-2979 生物
BIOCHIP J	Biochip Journal	1976-0280 生物
BIOCONTROL	Biocontrol	1386-6141 生物
	Biocontrol Science and Technology	0958-3157生物
BIOFACTORS	Biofactors	0951-6433 生物
BIOL BULL+	Biology Bulletin	1062-3590 生物
BIOL BULL-US	Biological Bulletin	0006-3185 生物
BIOL CONTROL	Biological Control	1049-9644 生物
BIOL J LINN SOC	Biological Journal of the Linnean Society	0024-4066 生物
	Biologicheskie Membrany	0233-4755 生物
BIOL PLANTARUN		0006-3134 生物
	L Biological Procedures Online	1480-9222 生物
BIOL RES	Biological Research	0716-9760 生物
	Biological Rhythm Research	0929-1016生物
BIOL SPORT	Biology of Sport	0860-021》生物
	Biological Trace Element Research	0163-4984 生物
BIOLOGIA	Biologia	0006-3088 生物
BIOLOGICALS	Biologicals	1045-1056 生物
	Biomedical Chromatography	0269-3879 生物
BIOMETRICAL J	Biometrical Journal	0323-3847 生物
BIOMETRICS	Biometrics	0006-341》生物
BIOMETRIKA	Biometrika	0006-3444 生物
	S Biomolecular Nmr Assignments	1874-2718 生物
BIOORG CHEM	Bioorganic Chemistry	0045-2068 生物
BIOPHYS CHEM	Biophysical Chemistry	0301-4622 生物
	B Bioscience Biotechnology and Biochemistry	0916-8451 生物
BIOSYSTEMS	Biosystems	0303-2647 生物
	F Biotechnic & Histochemistry	1052-0295 生物
	Bird Conservation International	0959-2709 生物
BIRD STUDY	Bird Study	0006-3657生物
BLUMEA	Blumea	0006-5196 生物
BMC GENET	Bmc Genetics	1471-2156 生物
BOT HELV	Botanica Helvetica	0253-1453 生物
BOT J LINN SOC	Botanical Journal of the Linnean Society Botanica Marina	0024-4074 生物
BOT MAR		0006-8055 生物
BOT STUD	Botanical Studies	1817-406》 生物
BOTANY	Botany-Botanique	1916-2790 生物
BOTHALIA	Bothalia	0006-8241 生物

BRAZ J MICROBIO BRITTONIA BRYOLOGIST	Brazilian Archives of Biology and Technology Brazilian Journal of Microbiology Brittonia	1559-7105 1516-8913 1517-8382 0007-196X 0007-2745 0007-9723	生物 生物 生物
CAN ENTOMOL CAN J BOT	Canadian Entomologist Canadian Journal of Botany-Revue Canadienne De Botan Canadian Journal of Microbiology	0008-347X	生物生物
CAN J PLANT SCI CAN J ZOOL	Canadian Journal of Plant Pathology-Revue Canadienne Canadian Journal of Plant Science Canadian Journal of Zoology-Revue Canadienne De Zoo Candollea	0008-4220	生物 生物
CARYOLOGIA CASTANEA CELL BIOCHEM FU	Caryologia Castanea Cell Biochemistry and Function	0008-7114 0008-7475 0263-6484	生物 生物
CELL BIOL TOXIC	Cell Biology International Cell Biology and Toxicology Cell Communication and Adhesion Cellular Immunology	1065-6995 0742-2091 1541-9061 0008-8749	生物生物
CELL MOL BIOEN CELL MOL BIOL CELL MOL BIOL L	Cellular and Molecular Bioengineering Cellular and Molecular Biology I Cellular & Molecular Biology Letters	1865-5025 0145-5680 1425-8153 1538-344X	生物 生物
CELL STRUCT FUNCENT EUR J BIOL CHANNELS	Cell Preservation Technology Cell Structure and Function Central European Journal of Biology Channels	0386-7196 1895-104X 1933-6950	生物 生物 生物
CIENC MAR CLIN LIPIDOL	Schelonian Conservation and Biology Ciencias Marinas Clinical Lipidology Coleopterists Bulletin	1071-8443 0185-3880 1758-4299 0010-065X	生物生物
COMP BIOCHEM P	Community Genetics Comparative Biochemistry and Physiology A-Molecular Comparative Biochemistry and Physiology B-Biochemis Comparative Biochemistry and Physiology D-Genomics	1096-4959	生物生物
COMP CYTOGENE COMP FUNCT GEN	Comparative Cytogenetics Comparative and Functional Genomics Computational Biology and Chemistry	1993-0771 1531-6912 1476-9271	生物 生物
CONDOR CONNECT TISSUE CONTRIB ZOOL COPEIA	Connective Tissue Research Contributions to Zoology Copeia	0010-5422 0300-8207 1383-4517 0045-8511	生物生物
CR BIOL CRUSTACEANA CRYOBIOLOGY	Comptes Rendus Biologies Crustaceana Cryobiology	1631-0691 0011-2162 0011-2240	生物 生物 生物
CRYPTOGAMIE BE	Cryoletters Cryptogamie Algologie Cryptogamie Bryologie Cryptogamie Mycologie	0143-2044 0181-1568 1290-0796 0181-1584	生物生物
	Current Bioinformatics	1574-8936 1389-2029	生物

CURD MICROPIOL Comment Microbiology	02.42 0.651 H- Hm
CURR MICROBIOL Current Microbiology CURR TOP MEMBRCurrent Topics in Membranes	0343-8651 生物1063-5823 生物
CYBIUM Cybium	0399-0974 生物
CYTOGENET GEN(Cytogenetic and Genome Research	1424-8581 生物
CYTOL GENET+ Cytology and Genetics	0095-4527 生物
CYTOPATHOLOGY Cytopathology	0956-5507 生物
CYTOTECHNOLOG Cytotechnology	0920-9069 生物
DEUT ENTOMOL Z Deutsche Entomologische Zeitschrift	1435-1951 生物
DEV GENES EVOL Development Genes and Evolution	0949-944》 生物
DEV GROWTH DIF Development Growth & Differentiation	0012-1592 生物
DEV PSYCHOBIOL Developmental Psychobiology	0012-1630 生物
DIATOM RES Diatom Research	0269-249》主物
DNA CELL BIOL Dna and Cell Biology	1044-5498 生物
DNA SEQUENCE Dna Sequence	1042-5179 生物
DOKL BIOCHEM B. Doklady Biochemistry and Biophysics	1607-6729 生物
ECOL ENTOMOL Ecological Entomology	0307-6946 生物
ECON BOT Economic Botany	0013-0001生物
EGYPT J BIOL PES' Egyptian Journal of Biological Pest Control	1110-1768 生物
ELECTROMAGN Bl Electromagnetic Biology and Med	1536-8378 生物
EMU Emu	0158-4197 生物
ENTOMOL EXP AP Entomologia Experimentalis Et Applicata	0013-8703 生物
ENTOMOL FENNIC Entomologica Fennica	0785-8760 生物
ENTOMOL GEN Entomologia Generalis	0171-8177 生物
ENTOMOL NEWS Entomological News	0013-872》 生物
ENTOMOL SCI Entomological Science	1343-8786 生物
ENVIRON ENTOM(Environmental Entomology	0046-225% 生物
ETHOL ECOL EVOl Ethology Ecology & Evolution ETHOLOGY Ethology	0394-9370 生物0179-1613 生物
EUR CYTOKINE NI European Cytokine Network	1148-5493 生物
EUR J ENTOMOL European Journal of Entomology	1210-5759 生物
EUR J HISTOCHEM European Journal of Histochemistry	1121-760》 生物
EUR J PHYCOL European Journal of Phycology	0967-0262 生物
EUR J PROTISTOL European Journal of Protistology	0932-4739 生物
EUR J WILDLIFE R European Journal of Wildlife Research	1612-4642 生物
EVOL BIOINFORM Evolutionary Bioinformatics	1176-9343 生物
EVOL ECOL RES Evolutionary Ecology Research	1522-0613 生物
EXP ANIM TOKYO Experimental Animals	1341-1357 生物
EXP APPL ACAROI Experimental and Applied Acarology	0168-8162生物
EXTREMOPHILES Extremophiles	1431-0651生物
FEMS MICROBIOL Fems Microbiology Letters	0378-1097生物
FLA ENTOMOL Florida Entomologist	0015-4040 生物
FLORA Flora	0367-2530 生物
FLY Fly	1933-6934 生物
FOLIA GEOBOT Folia Geobotanica	1211-9520 生物
FOLIA HISTOCHEN Folia Histochemica Et Cytobiologica	0239-8508 生物
FOLIA PRIMATOL Folia Primatologica	0015-5713 生物
FOLIA ZOOL Folia Zoologica	0139-7893 生物
FOTTEA Fottea	1802-5439 生物
FUNCT PLANT BIO Functional Plant Biology	1445-4408 生物
FUTURE LIPIDOL Future Lipidology	1746-0875 生物
FUTURE MICROBI(Future Microbiology	1746-0913 生物

GEN E EXPR PATTIE Gene Expression Patterns	CENT DITTIGUE DIO	C 1D' 1 1D' 1 '	0001 5000	11.16
GENE EXPRESSION Gene Expression				
GENES GENET SYS Cenes & Genetic Systems 1541-7568 生物 GENES GENOM Genes & Genetic Systems 1541-7568 生物 GENES GENOM Genes & Genetics Systems 1541-7568 生物 GENES NUTR Genes & Genetics of Molecular Biology 1415-4757 生物 GENET MOL BIOL Genetics and Molecular Biology 1415-4757 生物 GENET MOL RES Genetics and Molecular Biology 1415-4757 生物 GENET MOL RES Genetics and Molecular Biology 1415-4757 生物 GENET RES Genetical Research 0016-6723 生物 GENET RES Genetical Research 0016-6723 生物 GENET RES Genetical Research 0016-6772 生物 GENET SEL EVOL Genetics Selection Evolution 0999-1933 生物 GENET TEST MOL Genetic Testing and Molecular Biomarkers 1945-0265 生物 GENET TEST MOL Genetic Testing and Molecular Biomarkers 0016-6707 生物 GENOME Genome 0831-2796 生物 GENYCOCONJUGAT Glycoconjugate Journal 0282-0088 生物 GORTERIA Gorteria 0017-2294 生物 GRANA Grana Grana 0017-3134 生物 HEADAMA Grana 0017-3134 生物 HEADAMA Grana 0017-3134 生物 HEADAMA GRANA Grana 0017-3134 生物 HEADAMA GRANA G		^		
GENES GENET SYS Genes & Genetic Systems GENES GENOM Genes & Genomics GENES NUTR Genes and Nutrition GENES NUTR Genes and Molecular Biology GENES NUTR Genes and Molecular Biology GENET MOL RIS Genetics and Molecular Research GENET MOL RES Genetics and Molecular Research GENET RES Genetical Research GENET RES Genetical Research GENET SEL EVOL Genetic Testing and Molecular Biomarkers GENET SEL EVOL Genetic Testing and Molecular Biomarkers GENET TEST MOL Genetic Testing and Molecular Biomarkers GENET A Genetical Research GENET TEST MOL Genetic Testing and Molecular Biomarkers GENETICA Genetical Genetical Genetical Research GENOME Genome 0831-2796 生物 GLYCOCONJUGAT Glycoconjugate Journal 0282-0080 生物 GORTERIA Gorteria 0017-2294 生物 GRANA Grana 0017-2314 生物 GRANA Grana Growth Development and Aging 1041-1232 生物 HASELTONIA Haseltonia 1070-0048 生物 HELMINTHOLOGI/ Helminthologia 0440-6605 生物 HEREDITAS Hereditas 0018-06616 生物 HERPETOL J Herpetological Journal 0268-0136 生物 HERPETOL MONOCHerpetological Monographs 0733-1347 生物 HERPETOLOGICA Herpetologica 018-8831 生物 HIDROBIOLOGICA Hidrobiologica 018-8839 生物 HIDROBIOLOGICA Hidrobiologica 018-8839 生物 HUM BIOL Human Biology 0018-7143 生物 HUM BIOL Human Vaccines 1554-8619 生物 HUM CELL Human Vaccines 1554-8619 生物 HUM CELL Human Vaccines 1554-8619 生物 HUM CELL DE In Vitro Cellular & Developmental Biology-Animal 1N VITRO CELL DE In Vitro Cellular & Developmental Biology-Plant 1NDIAN J BIOCHEN Indian Journal of Experimental Biology-Plant 1NDIAN J BIOCHEN Indian Journal of Experimental Biology 0019-5189 生物 INDIAN J EXP BIOL Indian Journal of Traditional Knowledge 0972-5938 生物 INDIAN J EXP BIOL Indian Journal of Traditional Knowledge 0972-5938 生物 INSECT CONSERV Insect Conservation and Diversity 1752-4582 生物 INSECT SCC Insectes Sociaux 0019-1019 生物 INSECT SCC Insectes Sociaux 0019-5189 生物 INSECT SCC Insectes Sociaux 0019-5189 生物 INT J DATA MIN BIInternational Journal of Pesti Management 0967-0874 生物 INT J DATA MIN BIInternational Journal of Pest Management 0967-0874 生物 INT J DATA MIN BIInt		^		
GENES GENOM Genes & Genomics 1976-9571 生物 GENES NUTR Genes and Nutrition 1555-8932 生物 GENET MOL RIS Genetics and Molecular Biology 1415-4757 生物 GENET MOL RES Genetics and Molecular Research 1676-5680 生物 GENET RES Genetics All Research 0016-6723 生物 GENET RES Genetics Selection Evolution 0999-1933 生物 GENET RES Genetics Selection Evolution 0999-1932 生物 GENET TEST MOL Genetica Genetica 0016-6707 生物 GENETICA Genetica Genome 0381-2796 生物 GENETICA Genetica Genome 0381-2796 生物 GENOME Genome 0381-2796 生物 GENOME Genome 0381-2796 生物 GRANA Grana 0017-2294 生物 GRANA Grana 0017-2294 生物 GRANA Grana 0017-23134 生物 HELMINTHOLOGI/Helminthologia HEREDITAS Hereditas 0016-605 生物 HEREDITAS Hereditas 0016-605 生物 HEREDITAS Hereditas 0018-8061 生物 HERPETOL J Herpetological Journal 0268-0130 生物 HERPETOL MONO (Herpetological Monographs 0733-1347 生物 HERPETOLOGICA Herpetological Monographs 0733-1347 生物 HUM BIOL Human Biology 0018-7143 生物 HUM BIOL Human Cell 0014-7476 生物 HVSTRIX Hystrix-Italian Journal of Mammalogy 0018-7143 生物 HYSTRIX Hystrix-Italian Journal of Freshwaters 0936-9902 生物 INJIAN J BIOCHEA Indian Journal of Experimental Biology-Animal IN VITRO CELL DE In Vitro Cellular & Developmental Biology-Animal IN VITRO CELL DE In Vitro Cellular & Developmental Biology-Animal IN VITRO CELL DE In Vitro Cellular & Developmental Biology-Animal IN VITRO CELL DE In Vitro Cellular & Developmental Biology-Animal IN VITRO CELL DE In Vitro Cellular & Developmental Biology-Animal IN VITRO CELL DE In Vitro Cellular & Developmental Biology-Animal IN VITRO CELL DE In Vitro Cellular & Developmental Biology-Animal IN VITRO CELL DE In Vitro Cellular & Developmental Biology-Animal IN VITRO CELL DE In Vitro Cellul				
GENES NUTR GENET MOL BIOL Genetics and Molecular Biology GENET MOL RES GENET RES Genetics and Molecular Research GENET RES Genetics Research GENET RES Genetics Research GENET RES Genetics Research GENET SEL EVOL Genetics Selection Evolution GENET TEST MOL GENET TEST MOL GENET GENE	GENES GENET SYS	Genes & Genetic Systems	1341-7568	生物
GENET MOL BIOL GENET MOL RES Genetics and Molecular Research GENET RES Genetical Research GENET RES Genetical Research O016-6723 生物 GENET SEL EVOL Genetic Testing and Molecular Biomarkers GENET TEST MOL Genetic Testing and Molecular Biomarkers GENET TEST MOL Genetic Testing and Molecular Biomarkers GENET TEST MOL GENET Genetica GENOME Genome O016-6707 生物 GENOME G	GENES GENOM	Genes & Genomics	1976-9571	生物
GENET MOL RES	GENES NUTR	Genes and Nutrition	1555-8932	生物
GENET MOL RES	GENET MOL BIOL	Genetics and Molecular Biology	1415-4757	生物
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INT J PEST MANAC International Journal of Pest Management 0967-0874 生物				
INT J PLANT SCI International Journal of Plant Sciences 1058-5893 生物				
	INT J PLANT SCI	International Journal of Plant Sciences	1058-5893	生物

INT J PRIMATOL International Journal of Primatology	0164-0291生物
INT REV HYDROBI International Review of Hydrobiology	1434-2944 生物
INTEGR BIOL-UK Integrative Biology	1757-9694 生物
INVERTEBR BIOL Invertebrate Biology	1077-8306生物
INVERTEBR REPR(Invertebrate Reproduction & Development	0792-4259 生物
INVERTEBR SYST Invertebrate Systematics	1445-5226生物
ISR J PLANT SCI Israel Journal of Plant Sciences	0792-9978 生物
ITAL J ZOOL Italian Journal of Zoology	1125-0003 生物
J AGR BIOL ENVIR Journal of Agricultural Biological and Environmental S	
J AM ASSOC LAB AJournal of the American Association For Laboratory Ar	
J AM MOSQUITO C Journal of the American Mosquito Control Association	
J APICULT RES Journal of Apicultural Research	0021-8839 生物
J APPL BIOMATER Journal of Applied Biomaterials & Biomechanics	1722-6899 生物
J APPL BOT FOOD Journal of Applied Botany and Food Quality-Angewand	
J APPL ENTOMOL Journal of Applied Entomology-Zeitschrift Fur Angewa J APPL GENET Journal of Applied Genetics	1234-1983 生物
J APPL ICHTHYOL Journal of Applied Ichthyology	0175-8659 生物
J APPL PHYCOL Journal of Applied Phycology	0921-8971 生物
J AQUAT PLANT MJournal of Aquatic Plant Management	0146-6623 生物
J ARACHNOL Journal of Arachnology	0161-8202 生物
J BASIC MICROB Journal of Basic Microbiology	0233-111》生物
J BIOCHEM Journal of Biochemistry	0021-924》 生物
J BIOCHEM BIOPH Journal of Biochemical and Biophysical Methods	0165-022》 生物
J BIOCHEM MOL B Journal of Biochemistry and Molecular Biology	1225-8687 生物
J BIOCHEM MOL T Journal of Biochemical and Molecular Toxicology	1095-6670 生物
J BIOL EDUC Journal of Biological Education	0021-9266生物
J BIOL PHYS Journal of Biological Physics	0092-0606 生物
J BIOL RES-THESS: Journal of Biological Research-Thessaloniki	1790-045》 生物
J BIOL SYST Journal of Biological Systems	0218-3390 生物
J BIOMECH ENG-T Journal of Biomechanical Engineering-Transactions of	
J BIOMED BIOTECI Journal of Biomedicine and Biotechnology	1110-7243 生物
J BIOMOL NMR Journal of Biomolecular Nmr	0925-2738生物
J BIOMOL STRUCT Journal of Biomolecular Structure & Dynamics	0739-1102 生物
J BIOPHOTONICS Journal of Biophotonics	1864-063》 生物
J BIOSCI BIOENG Journal of Bioscience and Bioengineering	1389-1723 生物
J BIOSCIENCES Journal of Biosciences J BRYOL Journal of Bryology	0250-5991 生物 0373-6687 生物
J COMP PATHOL Journal of Comparative Pathology	0021-9975 生物
J COMP PHYSIOL A Journal of Comparative Physiology A-Neuroethology S	
J COMP PHYSIOL E Journal of Comparative Physiology B-Biochemical Syst	
J COMP PSYCHOL Journal of Comparative Psychology	0735-7036生物
J COMPUT BIOL Journal of Computational Biology	1066-5277 生物
J CONCHOL Journal of Conchology	0022-0019 生物
J CRUSTACEAN BI Journal of Crustacean Biology	0278-0372 生物
J ECON ENTOMOL Journal of Economic Entomology	0022-0493 生物
J ENTOMOL SCI Journal of Entomological Science	0749-8004 生物
J ESSENT OIL BEAl Journal of Essential Oil Bearing Plants	0972-060》生物
J ETHOL Journal of Ethology	0289-0771 生物
J EUKARYOT MICF Journal of Eukaryotic Microbiology	1066-5234 生物
J EVOL BIOCHEM I Journal of Evolutionary Biochemistry and Physiology	0022-0930 生物
J EXP MAR BIOL E(Journal of Experimental Marine Biology and Ecology	0022-0981 生物

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J EXP ZOOL PART Journal of Experimental Zoology Part A-Ecological Gene 1932-5223 生物
                                                                0273-8570 生物
                                                                0022-1112 生物
                                                                0145-8884 生物
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                                                                0022-8567 生物
                                                                0898-2104 生物
                                                                0022-2372 生物
J MAR BIOL ASSO(Journal of the Marine Biological Association of the Unite 0025-3154 生物
                                                                0303-6812 生物
                                                                0022-2585 生物
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                                                                1225-8873 生物
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                                                                0262-821》生物
                                                                1381-1177 生物
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                                                                1567-2379 生物
                                                                0260-1230 生物
                                                                0142-4319 生物
                                                                0022-2933 生物
                                                                0022-300》主物
                                                                0021-8375 生物
                                                                1075-2617 生物
                                                                1612-4758 生物
                                                                1011-1344 生物
                                                                1138-7548 生物
J PHYTOPATHOL Journal of Phytopathology-Phytopathologische Zeitschrif0931-1785 生物
                                                                0142-7873 生物
J PLANT BIOCHEM Journal of Plant Biochemistry and Biotechnology
                                                                0971-7811 生物
                                                                1226-9239 生物
                                                                1752-9921 生物
                                                                1125-4653 生物
                                                                0918-9440 生物
J RAPID METH AU Journal of Rapid Methods and Automation in Microbiolo 1060-3999 生物
                                                                0892-1016生物
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	Journal of Receptors and Signal Transduction	1079-9893 生物
	C Journal of Reproduction and Development Journal of Shellfish Research	0916-8818 生物
	I Journal of Stored Products Research	0730-8000 生物 0022-474
J SYST EVOL	Journal of Systematics and Evolution	0529-1526 生物
J THERM BIOL	Journal of Thermal Biology	0306-4565 生物
	Gournal of the Torrey Botanical Society	1095-5674 生物
	Journal of Vector Ecology	1081-1710 生物
	- Journal of Zhejiang University-Science B	1673-1581 生物
J ZOOL	Journal of Zoology	0952-8369 生物
J ZOOL SYST EVO	I Journal of Zoological Systematics and Evolutionary Res	
	MJapanese Journal of Applied Entomology and Zoology	0021-4914 生物
KOREAN J GENET	I Korean Journal of Genetics	0254-5934 生物
LAB ANIM-UK	Laboratory Animals	0023-6772 生物
LICHENOLOGIST	Lichenologist	0024-2829 生物
LIPIDS	Lipids	0024-4201 生物
	I Lipids in Health and Disease	1476-511》生物
LUMINESCENCE	Luminescence	1522-7235 生物
MALACOLOGIA	Malacologia	0076-2997生物
MAMM BIOL	Mammalian Biology	1616-5047生物
MAMMALIA	Mammalia	0025-1461生物
MAR BIOL	Marine Biology	0025-3162生物
	Marine Biology Research	1745-1000 生物
	I Marine Ecology-An Evolutionary Perspective	0173-9565 生物
	HMarine and Freshwater Behaviour and Physiology Marine Genomics	1023-6244 生物
MAR GENOM	Marine Mammal Science	1874-7787生物 0824-0469生物
	Mathematical Biosciences	0025-5564 生物
	Mathematical Medicine and Biology-A Journal of the In	
	Metallomics	1756-5901 生物
	(Methods in Cell Biology	0091-679》 生物
	Methods in Enzymology	0076-6879 生物
	Il Methods in Microbiology	0580-9517 生物
	Microbiological Research	0944-5013 生物
MICROBIOLOGY+		0026-2617生物
MIKROBIYOL BUI	Mikrobiyoloji Bulteni	0374-9096 生物
MINERVA BIOTEC	Minerva Biotecnologica	1120-4826 生物
MITOCHONDR DN	Mitochondrial Dna	1940-1736 生物
MOL BIOL REP	Molecular Biology Reports	0301-4851生物
MOL BIOL+	Molecular Biology	0026-8933生物
	F Molecular and Cellular Biochemistry	0300-8177生物
	Molecular and Cellular Probes	0890-8508 生物
MOL CELLS	Molecules and Cells	1016-8478 生物
	Molecular Ecology Notes	1471-8278 生物
	J Molecular Ecology Resources	1755-098》 生物
	Molluscan Research	1323-5818 生物
MYCOL OGIA	Mycological Progress	1617-416》 生物
MYCOLOGIA MYCOPATHOLOG	Mycologia I Mycopathologia	0027-5514 生物
MYCOPATHOLOG MYCOTAXON	Mycotaxon	0301-486X生物 0093-4666生物
NAUTILUS	Nautilus	0028-1344 生物
11/10 11LUD	TAUGITUS	0020-1377 生物

NEMATOLOGY	Nematology	1388-5545 生物
NEMATROPICA		0099-5444 生物
NEOTROP ENTOM	(Neotropical Entomology	1519-566》生物
NEOTROP ICHTHY	Neotropical Ichthyology	1679-6225 生物
NEW BIOTECHNO	I New Biotechnology	1871-6784 生物
NEW GENET SOC	New Genetics and Society	1463-6778生物
NEW MICROBIOL	New Microbiologica	1121-7138生物
	New Zealand Journal of Botany	0028-825》 生物
NEW ZEAL J MAR	l New Zealand Journal of Marine and Freshwater Research	h0028-8330 生物
NEW ZEAL J ZOOI	New Zealand Journal of Zoology	0301-4223 生物
	Nordic Journal of Botany	0107-055%生物
	North-Western Journal of Zoology	1584-9074 生物
NOVA HEDWIGIA		0029-5035 生物
NOVON	Novon	1055-3177生物
	C Nucleosides Nucleotides & Nucleic Acids	1525-7770 生物
ODONATOLOGICA		0375-0183 生物
OLIGONUCLEOTII		1545-4576生物
	I Organisms Diversity & Evolution	1439-6092 生物
ORIENT INSECTS		0030-5316生物
	Origins of Life and Evolution of the Biosphere	0169-6149 生物
ORNIS FENNICA		0030-5685 生物
	Ornitologia Neotropical	1075-4377 生物
OSTRICH	Ostrich	0030-6525 生物
	Oxidative Medicine and Cellular Longevity	1942-0900 生物
	Proceedings of the Biological Society of Washington	0006-324X 生物
	WProceedings of the Entomological Society of Washingto WProceedings of the Japan Academy Series B-Physical an	
PAC SCI	Pacific Science	0030-8870 生物
PAK J BOT	Pakistan Journal of Botany	0556-3321 生物
PAK J ZOOL	Pakistan Journal of Zoology	0030-9923 生物
	CPan-Pacific Entomologist	0031-0603 生物
PERIOD BIOL		0031-5362 生物
	Pesticide Biochemistry and Physiology	0048-3575 生物
PHOTOSYNTHETI		0300-3604 生物
PHYCOL RES		1322-0829 生物
PHYCOLOGIA	Phycologia	0031-8884 生物
PHYS MEDICA		1120-1797 生物
PHYSIOL ENTOMO	Physiological Entomology	0307-6962 生物
PHYSIOL MEAS	Physiological Measurement	0967-3334生物
PHYSIOL MOL PL	A Physiological and Molecular Plant Pathology	0885-5765 生物
PHYTOCHEM ANA	A Phytochemical Analysis	0958-0344 生物
PHYTOCHEM LET	7Phytochemistry Letters	1874-3900 生物
PHYTOCOENOLO		0340-269》 生物
	Phyton-Annales Rei Botanicae	0079-2047 生物
	F Phyton-International Journal of Experimental Botany	0031-9457生物
PHYTOPARASITIC	* ^	0334-2123 生物
	I Phytopathologia Mediterranea	0031-9465 生物
PHYTOPROTECTION OF THE PHYTOP OF THE PHYTOP OF THE PHYTOP THE PHYTOP OF THE PHYTOP OF THE PHYTOP OF THE PHYTOP OF	Phytoprotection Phytoprotection	0031-9511生物
PLANTRIOLOGY	D1 . D' 1	1.40% 0.000 11.31
	Plant Biology	1435-8603 生物
PLANT BIOSYST		1435-8603 生物 1126-3504 生物 1863-5466 生物

PLANT CELL REP	^	0721-7714生物
	Plant Cell Tissue and Organ Culture	0167-6857生物
	RPlant Growth Regulation	0167-6903 生物
	Plant Molecular Biology Reporter	0735-9640 生物
PLANT OMICS	Plant Omics	1836-0661生物
PLANT PATHOL		0032-0862生物
	EPlant Pathology Journal	1598-2254 生物
	B Plant Physiology and Biochemistry	0981-9428生物
PLANT SCI	Plant Science	0168-9452生物
	Plant Species Biology	0913-557》生物
	L Plant Systematics and Evolution	0378-2697 生物
PLANTA DANINHA		0100-8358 生物
PLASMID	Plasmid	0147-619》 生物
POLAR BIOL	Polar Biology	0722-4060 生物
	Postepy Mikrobiologii	0079-4252 生物
PRIMATES	Primates	0032-8332生物
PRION	Prion	1933-6896 生物
	l Progress in Biochemistry and Biophysics	1000-3282 生物
	Progress in Molecular Biology and Translational Science	
	1 Protein Expression and Purification	1046-5928 生物
PROTEIN J	Protein Journal	1572-3887 生物
	Protein and Peptide Letters	0929-8665 生物
PROTOPLASMA	Protoplasma	0033-183》/ 生物
PTERIDINES	Pteridines	0933-4807生物
RAFFLES B ZOOL	Raffles Bulletin of Zoology	0217-2445 生物
REC AUST MUS	Records of the Australian Museum	0067-1975 生物
REC NAT PROD	Records of Natural Products	1307-6167生物
REDOX REP	Redox Report	1351-0002生物
REPROD BIOL	Reproductive Biology	1642-431》 生物
RES MICROBIOL	Research in Microbiology	0923-2508 生物
REV BIOL MAR OC	Revista De Biologia Marina Y Oceanografia	0717-3326生物
REV BIOL TROP	Revista De Biologia Tropical	0034-7744 生物
REV BRAS ENTOW	I Revista Brasileira De Entomologia	0085-5626生物
REV BRAS ZOOL	Revista Brasileira De Zoologia	0101-8175 生物
REV COLOMB ENT	「Revista Colombiana De Entomologia	0120-0488 生物
REV MED MICROE	Reviews in Medical Microbiology	0954-139》/ 生物
REV SUISSE ZOOL	Revue Suisse De Zoologie	0035-418》/ 生物
RHODORA	Rhodora	0035-4902 生物
RIV BIOL-BIOL FO	Rivista Di Biologia-Biology Forum	0035-6050 生物
ROM BIOTECH LE	Romanian Biotechnological Letters	1224-5984 生物
RUSS J BIOORG CH	Russian Journal of Bioorganic Chemistry	1068-1620生物
RUSS J GENET+	Russian Journal of Genetics	1022-7954 生物
RUSS J MAR BIOL-	Russian Journal of Marine Biology	1063-0740 生物
RUSS J NEMATOL	Russian Journal of Nematology	0869-6918生物
RUSS J PLANT PHY	Russian Journal of Plant Physiology	1021-4437生物
S AFR J BOT	South African Journal of Botany	0254-6299 生物
S AFR J WILDL RE	South African Journal of Wildlife Research	0379-4369 生物
SCAND J LAB ANI	Scandinavian Journal of Laboratory Animal Science	0901-3393 生物
SCI CHINA SER C	Science in China Series C-Life Sciences	1006-9305 生物
SCI MAR	Scientia Marina	0214-8358 生物
SEED SCI RES	Seed Science Research	0960-2585 生物

SOCIOBIOLOGY SOUTHWEST ENT STAT APPL GENE STUD NEOTROP F SYDOWIA SYMBIOSIS SYST BOT T AM ENTOMOL S THEOR BIOSCI THEOR POPUL BIO TRACE ELEM ELE TREE GENET GEN TRENDS GLYCOSO	C Sexual Plant Reproduction Sociobiology C Southwestern Entomologist I Statistical Applications in Genetics and Molecular Biolo Studies On Neotropical Fauna and Environment Sydowia Symbiosis Systematic Botany C Transactions of the American Entomological Society Theory in Biosciences D Theoretical Population Biology C Trace Elements and Electrolytes C Tree Genetics & Genomes C Trends in Glycoscience and Glycotechnology	0165-0521 生物 0082-0598 生物 0334-5114 生物 0363-6445 生物 0002-8320 生物 1431-7613 生物 0040-5809 生物 0946-2104 生物 1614-2942 生物 0915-7352 生物
TROP ZOOL	Tropical Zoology	0394-6975 生物
	Turkish Journal of Biochemistry-Turk Biyokimya Dergi	
URSUS	Ursus	1537-6176生物
	E Vegetation History and Archaeobotany	0939-6314 生物
VEGETOS VELIGER	Vegetos Veliger	0970-4078 生物 0042-3211 生物
WATERBIRDS	Waterbirds	1524-4695 生物
WILDLIFE BIOL		0909-6396 生物
WILDLIFE RES		1035-3712 生物
	I Wilson Journal of Ornithology	1559-4491 生物
WULFENIA	Wulfenia	1561-882》 生物
YEARB PHYS ANT	Yearbook of Physical Anthropology	0096-848》生物
	RZeitschrift Fur Arznei- & Gewurzpflanzen	1431-9292 生物
	(Zeitschrift Fur Naturforschung C-A Journal of Bioscience	
	Zhurnal Obshchei Biologii	0044-4596生物
ZOO BIOL	Zoo Biology	0733-3188 生物
ZOOKEYS	Zookeys	1313-2989 生物
ZOOL ANZ	Zoologischer Anzeiger	0044-5231生物
ZOOL J LINN SOC-	-l Zoological Journal of the Linnean Society	0024-4082 生物
ZOOL SCI ZOOL STUD	Zoological Science Zoological Studies	0289-0003 生物 1021-5506 生物
ZOOL STOD	Zoologichesky Zhurnal	0044-5134 生物
ZOOLOGIA-CURIT		1984-4670 生物
ZOOLOGY	Zoology	0944-2006 生物
ZOOMORPHOLOG		0720-213》 生物
ZOOSYSTEMA	Zoosystema	1280-9551 生物
ZOOTAXA	Zootaxa	1175-5326 生物
ZYGOTE	Zygote	0967-1994 生物
ACTA MATH-DJUI	R Acta Mathematica	0001-5962 数学
ANN MATH	Annals of Mathematics	0003-486%数学
ANN STAT	Annals of Statistics	0090-5364 数学
	Bulletin of the American Mathematical Society	0273-0979 数学
	I Communications On Pure and Applied Mathematics	0010-3640 数学
	N Foundations of Computational Mathematics	1615-3375 数学
INVENT MATH		0020-9910 数学
INVERSE PROBL	Inverse Problems	0266-5611 数学

J AM MATH SOC Journal of the American Mathematical Society	0894-0347 数学	_
J AM STAT ASSOC Journal of the American Statistical Association	0162-1459 数学	-
JR STAT SOC B Journal of the Royal Statistical Society Series B-Statistic	1369-7412 数学	7
MATH MOD METH Mathematical Models & Methods in Applied Sciences	0218-2025 数学	ź
MATH PROGRAM Mathematical Programming	0025-5610 数学	2
MEM AM MATH SC Memoirs of the American Mathematical Society	0065-9266 数学	7
MULTISCALE MOE Multiscale Modeling & Simulation	1540-3459 数学	<u> </u>
MULTIVAR BEHA\Multivariate Behavioral Research	0027-3171 数学	
NONLINEAR ANAI Nonlinear Analysis-Real World Applications	1468-1218 数学	
RISK ANAL Risk Analysis	0272-4332 数学	
SIAM REV Siam Review	0036-1445 数学	
STAT SCI Statistical Science	0883-4237 数学	
STRUCT EQU MOD Structural Equation Modeling-A Multidisciplinary Journal		
ADV COMPUT MA Advances in Computational Mathematics	1019-7168 数学	
ADV MATH Advances in Mathematics ADV MATH Advances in Mathematics	0001-8708 数学	
AM J MATH Advances in Mathematics Am J MATH American Journal of Mathematics		
	0002-9327数学	
AM STAT American Statistician	0003-1305 数学	
ANAL APPL Analysis and Applications	0219-5305 数学	
ANN APPL PROBALAnnals of Applied Probability	1050-5164 数学	
ANN I H POINCARI Annales De L Institut Henri Poincare-Analyse Non Linea		
ANN PROBAB Annals of Probability	0091-1798 数学	
ANN SCI ECOLE N(Annales Scientifiques De L Ecole Normale Superieure	0012-9593 数学	
APPL NUMER MAT Applied Numerical Mathematics	0168-9274 数学	
	1239-6095 数学	
COMMUN MATH S Communications in Mathematical Sciences	1539-6746 数学	
COMMUN PART DI Communications in Partial Differential Equations	0360-5302 数学	
COMPOS MATH Compositio Mathematica	0010-437》数学	
COMPUT COMPLE: Computational Complexity	1016-3328 数学	
COMPUT STAT DA Computational Statistics & Data Analysis	0167-9473 数学	7
CONSTR APPROX Constructive Approximation	0176-4276 数学	2
DOC MATH Documenta Mathematica	1431-0643 数学	-
DUKE MATH J Duke Mathematical Journal	0012-7094 数学	
ESAIM-MATH MOI Esaim-Mathematical Modelling and Numerical Analysis	0764-583》数学	Ž
FUZZY SET SYST Fuzzy Sets and Systems	0165-0114 数学	
GEOM FUNCT ANA Geometric and Functional Analysis	1016-443% 数学	2
GEOM TOPOL Geometry & Topology	1364-0380 数学	-
IMA J NUMER ANAIma Journal of Numerical Analysis	0272-4979 数学	7
INVERSE PROBL IN Inverse Problems and Imaging	1930-8337 数学	7
J ALGEBRAIC GEO Journal of Algebraic Geometry	1056-3911 数学	
J BUS ECON STAT Journal of Business & Economic Statistics	0735-0015 数学	<u>;</u>
J CLASSIF Journal of Classification	0176-4268 数学	
J COMB THEORY BJournal of Combinatorial Theory Series B	0095-8956 数学	
J COMPUT APPL M Journal of Computational and Applied Mathematics	0377-0427 数学	
J COMPUT GRAPH Journal of Computational and Graphical Statistics	1061-8600 数学	
J DIFFER EQUATIO Journal of Differential Equations	0022-0396 数学	
J DIFFER GEOM Journal of Differential Geometry	0022-040》数学	
J DYN DIFFER EQUJournal of Dynamics and Differential Equations	1040-7294 数学	
J EUR MATH SOC Journal of the European Mathematical Society	1435-9855 数学	
J FOURIER ANAL A Journal of Fourier Analysis and Applications	1069-5869 数学	
J FUNCT ANAL Journal of Functional Analysis	0022-1236 数学	
J GLOBAL OPTIM Journal of Global Optimization	0925-5001 数学	
5 SEODILE OF THAT JOHNAN OF GROUP OPHIMIZATION	0725-5001	-

J MATH ANAL APP Journal of Mathematical Analysis and Applications J MATH MUSIC Journal of Mathematics and Music J MATH PURE APPl Journal De Mathematiques Pures Et Appliquees J MOD DYNAM Journal of Modern Dynamics	0022-2472 数 1745-9737 数 0021-7824 数 1930-5311 数	文学 文学
J NONCOMMUT GF Journal of Noncommutative Geometry J NONLINEAR SCI Journal of Nonlinear Science	1661-6952 数 0938-8974 数	
J R STAT SOC A ST Journal of the Royal Statistical Society Series A-Statistic		
J R STAT SOC C-AF Journal of the Royal Statistical Society Series C-Applied		
J SCI COMPUT Journal of Scientific Computing MATH ANN Mathematische Annalen	0885-7474 数 0025-5831 数	
MATH COMPUT Mathematics of Computation	0025-5718 数	
MATH FINANC Mathematical Finance	0960-1627 数	• •
MILAN J MATH Milan Journal of Mathematics	1424-9286 数	
NETW HETEROG N Networks and Heterogeneous Media	1556-1801 数	女学
NONLINEAR ANAI Nonlinear Analysis-Theory Methods & Applications	0362-5462数	女学
NUMER MATH Numerische Mathematik	0029-599》数	
NUMER METH PAR Numerical Methods For Partial Differential Equations	0749-159》数	
P LOND MATH SO(Proceedings of the London Mathematical Society	0024-6115 数	
PROBAB THEORY Probability Theory and Related Fields	0178-8051 数	
PUBL MATH-PARIS Publications Mathematiques De L Ihes	0073-8301 数	
RANDOM STRUCT Random Structures & Algorithms SCAND J STAT Scandinavian Journal of Statistics	1042-9832 数 0303-6898 数	
SIAM J APPL MATI Siam Journal On Applied Mathematics	0036-1399 数	
SIAM J CONTROL (Siam Journal On Control and Optimization	0363-0129 数	
SIAM J MATH ANA Siam Journal On Mathematical Analysis	0036-1410 数	
SIAM J MATRIX ANSiam Journal On Matrix Analysis and Applications	0895-4798 数	
SIAM J NUMER AN Siam Journal On Numerical Analysis	0036-1429 数	
SIAM J OPTIMIZ Siam Journal On Optimization	1052-6234 数	
SIAM J SCI COMPUSiam Journal On Scientific Computing	1064-8275 数	女学
STAT COMPUT Statistics and Computing	0960-3174 数	女学
STATA J Stata Journal	1536-8672数	
STOCH PROC APPL Stochastic Processes and Their Applications	0304-4149 数	
STUD APPL MATH Studies in Applied Mathematics	0022-2526 数	
Z ANGEW MATH P Zeitschrift Fur Angewandte Mathematik Und Physik	0044-2275 数	
ABSTR APPL ANAI Abstract and Applied Analysis	1085-3375 数	• •
ADV APPL MATH Advances in Applied Mathematics ADV APPL PROBAl Advances in Applied Probability	0196-8858 数 0001-8678 数	
ADV NONLINEAR : Advanced Nonlinear Studies	1536-1365 数	• •
ANN GLOB ANAL (Annals of Global Analysis and Geometry	0232-7042数	
ANN I FOURIER Annales De L Institut Fourier	0373-0956 数	
ANN I H POINCARI Annales De L Institut Henri Poincare-Probabilites Et Sta		
ANN MAT PUR API Annali Di Matematica Pura Ed Applicata	0373-3114 数	
ANN SCUOLA NOR Annali Della Scuola Normale Superiore Di Pisa-Classe I		
APPL COMPUT MA Applied and Computational Mathematics	1683-3511 数	文学
APPL MATH COMP Applied Mathematics and Computation	0096-3003 数	女学
APPL MATH LETT Applied Mathematics Letters	0893-9659 数	女学
APPL MATH MODE Applied Mathematical Modelling	0307-904X数	
APPL MATH OPT Applied Mathematics and Optimization	0095-4616 数	
ASYMPTOTIC ANA Asymptotic Analysis	0921-7134 数	
B LOND MATH SO(Bulletin of the London Mathematical Society	0024-6093 数	
B SYMB LOG Bulletin of Symbolic Logic	1079-8986 数	以字

BALK J GEOM APP Balkan Journal of Geometry and Its Applications BAYESIAN ANAL Bayesian Analysis BERNOULLI Bernoulli BIT Bit Numerical Mathematics BOUND VALUE PR Boundary Value Problems CALC VAR PARTIA Calculus of Variations and Partial Differential Equation CAN J STAT Canadian Journal of Statistics-Revue Canadienne De St COMB PROBAB CC Combinatorics Probability & Computing COMBINATORICA Combinatorica COMMENT MATH Commentarii Mathematici Helvetici	
COMMUN CONTEN Communications in Contemporary Mathematics COMMUN PUR API Communications On Pure and Applied Analysis COMP GEOM-THE Computational Geometry-Theory and Applications COMPLEX ANAL O Complex Analysis and Operator Theory COMPUT OPTIM Al Computational Optimization and Applications DISCRETE APPL M Discrete Applied Mathematics DISCRETE COMPU Discrete & Computational Geometry	0219-1997 数学 1534-0392 数学 0925-7721 数学 1661-8254 数学 0926-6003 数学 0166-218×数学 0179-5376 数学
DISCRETE CONT D Discrete and Continuous Dynamical Systems DISCRETE CONT D Discrete and Continuous Dynamical Systems-Series B DISCRETE EVENT Discrete Event Dynamic Systems-Theory and Applicati DYNAM PART DIFI Dynamics of Partial Differential Equations ELECTRON J LINE Electronic Journal of Linear Algebra ELECTRON J PROB Electronic Journal of Probability ELECTRON RES AN Electronic Research Announcements in Mathematical S	1078-0947 数学 1531-3492 数学 0.0924-6703 数学 1548-1592 数学 1081-3810 数学 1083-6489 数学
ERGOD THEOR DY Ergodic Theory and Dynamical Systems ESAIM CONTR OPTEsaim-Control Optimisation and Calculus of Variations EUR J APPL MATH European Journal of Applied Mathematics EUR J COMBIN European Journal of Combinatorics FIXED POINT THE(Fixed Point Theory FIXED POINT THE(Fixed Point Theory and Applications FORUM MATH Forum Mathematicum	0143-3857 数学 1262-3377 数学 0956-7925 数学 0195-6698 数学 1583-5022 数学 1687-1820 数学 0933-7741 数学
GROUP GEOM DYN Groups Geometry and Dynamics IMA J APPL MATH Ima Journal of Applied Mathematics INDIANA U MATH Indiana University Mathematics Journal INFIN DIMENS AN Infinite Dimensional Analysis Quantum Probability and INT J BIFURCAT Cl International Journal of Bifurcation and Chaos INT J NUMER ANA International Journal of Numerical Analysis and Modeli INT MATH RES NO International Mathematics Research Notices	0218-1274 数学
INT MATH RES PAl International Mathematics Research Papers INTERFACE FREE I Interfaces and Free Boundaries ISR J MATH Israel Journal of Mathematics J ALGEBR COMB Journal of Algebraic Combinatorics J ALGEBRA Journal of Algebra J APPL PROBAB Journal of Applied Probability J APPROX THEORY Journal of Approximation Theory J COMB OPTIM Journal of Combinatorial Optimization	1687-3017 数学 1463-9963 数学 0021-2172 数学 0925-9899 数学 0021-8693 数学 0021-9002 数学 0021-9045 数学 1382-6905 数学
J COMB THEORY AJournal of Combinatorial Theory Series A J COMPUT MATH Journal of Computational Mathematics J CONVEX ANAL Journal of Convex Analysis J DIFFER EQU APPI Journal of Difference Equations and Applications J EVOL EQU Journal of Evolution Equations	0097-3165 数学 0254-9409 数学 0944-6532 数学 1023-6198 数学 1424-3199 数学

J INEQUAL APPL J INST MATH JUSSE J LOND MATH SOC J MATH SOCIOL J MULTIVARIATE	Journal of Geometric Analysis Journal of Inequalities and Applications Journal of the Institute of Mathematics of Jussieu Journal of the London Mathematical Society-Second Ser Journal of Mathematical Sociology Journal of Multivariate Analysis Journal of Optimization Theory and Applications	1050-6926 数学 1025-5834 数学 1474-7480 数学 i0024-6107 数学 0022-250 数学 0047-259 数学 0022-3239 数学
J STAT PLAN INFE J SYMPLECT GEON J TIME SER ANAL J TOPOL JPN J MATH	Journal Fur Die Reine Und Angewandte Mathematik Journal of Statistical Planning and Inference Journal of Symplectic Geometry Journal of Time Series Analysis Journal of Topology Japanese Journal of Mathematics	0075-4102 数学 0378-3758 数学 1527-5256 数学 0143-9782 数学 1753-8416 数学 0289-2316 数学
LECT NOTES MATI LIFETIME DATA A LINEAR ALGEBRA MATH COMPUT MO	Kinetic and Related Models Lecture Notes in Mathematics Lifetime Data Analysis Linear Algebra and Its Applications Mathematical and Computer Modelling Mathematics and Computers in Simulation	1937-5093 数学 0075-8434 数学 1380-7870 数学 0024-3795 数学 0895-7177 数学 0378-4754 数学
MATH METHOD AI MATH RES LETT MATH Z METHODOL COMP MOSC MATH J	Mathematical Methods in the Applied Sciences Mathematical Research Letters Mathematische Zeitschrift Methodology and Computing in Applied Probability Moscow Mathematical Journal Numerical Linear Algebra With Applications	0170-4214 数学 1073-2780 数学 0025-5874 数学 1387-5841 数学 1609-3321 数学 1070-5325 数学
NUMER MATH-THI OPTIMIZATION P EDINBURGH MA	Numerical Mathematics-Theory Methods and Application Optimization Proceedings of the Edinburgh Mathematical Society Proceedings of the Royal Society of Edinburgh Section A Psychometrika	1004-8979 数学 0233-1934 数学 0013-0915 数学 40308-2105 数学 0033-3123 数学
QUEUEING SYST RAMANUJAN J RELIAB COMPUT REV MAT COMPLU REV MAT IBEROAL	Revista Matematica Complutense Revista Matematica Iberoamericana	0033-569x 数学 0257-0130 数学 1382-4090 数学 1385-3139 数学 1139-1138 数学 0213-2230 数学
SET-VALUED ANA SIAM J DISCRETE I STAT MODEL STAT SINICA	Selecta Mathematica-New Series Set-Valued Analysis Siam Journal On Discrete Mathematics Statistical Modelling Statistica Sinica Transactions of the American Mathematical Society	1022-1824 数学 0927-6947 数学 0895-4801 数学 1471-0822 数学 1017-0405 数学 0002-9947 数学
TEST TOPOL METHOD N TOPOLOGY TRANSFORM GROV ZAMM-Z ANGEW N	Test Topological Methods in Nonlinear Analysis Topology Transformation Groups Zamm-Zeitschrift Fur Angewandte Mathematik Und Me	1133-0686 数学 1230-3429 数学 0040-9383 数学 1083-4362 数学 (0044-2267 数学
ACTA APPL MATH ACTA ARITH	Abhandlungen Aus Dem Mathematischen Seminar Der U Acta Applicandae Mathematicae Acta Arithmetica Acta Mathematicae Applicatae Sinica-English Series	0167-8019 数学 0065-1036 数学 0168-9673 数学

ACTA MATH HUNG	Acta Mathematica Hungarica	0236-5294 数学
ACTA MATH SCI	Acta Mathematica Scientia	0252-9602 数学
ACTA MATH SIN	Acta Mathematica Sinica-English Series	1439-8516 数学
	Advances in Applied Clifford Algebras	0188-7009 数学
	Advances in Difference Equations	1687-1839 数学
	Advances in Geometry	1615-715 数学
ALGEBR COLLOQ	•	1005-3867 数学
	Algebraic and Geometric Topology	1472-2739 数学
	Algebra and Logic	0002-5232 数学
		1386-923》数学
	Algebras and Representation Theory	
	Algebra Universalis	0002-5240 数学
	American Mathematical Monthly	0002-9890 数学
		1239-629》数学
	Annals of Combinatorics	0218-0006数学
	Annals of the Institute of Statistical Mathematics	0020-3157数学
	Annales Polonici Mathematici	0066-2216数学
	Annals of Pure and Applied Logic	0168-0072 数学
ANZIAM J	Anziam Journal	1446-1811 数学
APPL ANAL	Applicable Analysis	0003-6811数学
APPL CATEGOR ST	Applied Categorical Structures	0927-2852 数学
APPL MATH MECH	Applied Mathematics and Mechanics-English Edition	0253-4827 数学
APPL MATH-CZEC	Applications of Mathematics	0862-7940 数学
APPL STOCH MOD	Applied Stochastic Models in Business and Industry	1524-1904 数学
ARCH MATH	Archiv Der Mathematik	0003-889》数学
ARCH MATH LOGI	Archive For Mathematical Logic	1432-0665 数学
ARK MAT	Arkiv For Matematik	0004-2080 数学
ARS COMBINATOR	Ars Combinatoria	0381-7032 数学
ASIAN J MATH	Asian Journal of Mathematics	1093-6106 数学
ASTA-ADV STAT A	Asta-Advances in Statistical Analysis	1863-8171 数学
	Asterisque	0303-1179 数学
	Astin Bulletin	0515-0361 数学
	Australian & New Zealand Journal of Statistics	1369-1473 数学
	Bulletin of the Australian Mathematical Society	0004-9727 数学
	Bulletin of the Belgian Mathematical Society-Simon Stev	
	Bulletin Brazilian Mathematical Society	1678-7544 数学
	Bulletin of the Iranian Mathematical Society	1735-8515 数学
	Bulletin of the Korean Mathematical Society	1015-8634 数学
	Bulletin of the Malaysian Mathematical Sciences Society	
	Bulletin Mathematique De La Societe Des Sciences Math	
B SCI MATH	Bulletin Des Sciences Mathematiques	0007-4497 数学
	Bulletin De La Societe Mathematique De France	0037-9484 数学
	Banach Journal of Mathematical Analysis	1735-8787 数学
CALCOLO	Calcolo	0008-0624 数学
CAN J MATH		
	Canadian Journal of Mathematics-Journal Canadian De M	
	Canadian Mathematical Bulletin-Bulletin Canadien De M	
	Central European Journal of Mathematics Chinaga Annala of Mathematics Spring R	1895-1074 数学
	Chinese Annals of Mathematics Series B	0252-9599 数学
	Collectanea Mathematica	0010-0757 数学
	Communications in Algebra	0092-7872 数学
	Communications in Analysis and Geometry	1019-8385 数学
COMMUN STAT-SI	Communications in Statistics-Simulation and Computation	0361-0918数学

COMMUN STAT-TI Communications in Statistics-Theory and Methods	0361-0926 数学
COMPUTATION ST Computational Statistics	0943-4062 数学
CR MATH Comptes Rendus Mathematique	1631-0732数学
CZECH MATH J Czechoslovak Mathematical Journal	0011-4642 数学
DIFF EQUAT+ Differential Equations	0012-2661 数学
DIFFER GEOM APP Differential Geometry and Its Applications	0926-2245 数学
DISCRETE MATH Discrete Mathematics	0012-365%数学
DISCRETE MATH I Discrete Mathematics and Theoretical Computer Science	e 1365-8050 数学
DISS MATH Dissertationes Mathematicae	0012-3862 数学
DOKL MATH Doklady Mathematics	1064-5624 数学
DYNAM SYST APP Dynamic Systems and Applications	1056-2176数学
ELECTRON J COMI Electronic Journal of Combinatorics	1077-8926 数学
ELECTRON J QUAI Electronic Journal of Qualitative Theory of Differential	E1417-3875 数学
ELECTRON T NUM Electronic Transactions On Numerical Analysis	1068-9613 数学
EXP MATH Experimental Mathematics	1058-6458 数学
EXPO MATH Expositiones Mathematicae	0723-0869 数学
FINITE FIELDS TH Finite Fields and Their Applications	1071-5797 数学
FRACTALS Fractals-Complex Geometry Patterns and Scaling in Na	
FUNCT ANAL APPI Functional Analysis and Its Applications	0016-2663 数学
FUND MATH Fundamenta Mathematicae	0016-2736 数学
FUNKC EKVACIOJ Funkcialaj Ekvacioj-Serio Internacia	0532-8721 数学
GEOMETRIAE DED Geometriae Dedicata	0046-5755 数学
GEORGIAN MATH Georgian Mathematical Journal	1072-947》数学
GLASGOW MATH J Glasgow Mathematical Journal	0017-0895 数学
GRAPH COMBINAl Graphs and Combinatorics	0911-0119 数学
HACET J MATH ST Hacettepe Journal of Mathematics and Statistics	1303-5010 数学
HIROSHIMA MATE Hiroshima Mathematical Journal	0018-2079 数学
HIST MATH Historia Mathematica	0315-0860 数学
HOMOL HOMOTOF Homology Homotopy and Applications	1532-0073 数学
HOUSTON J MATH Houston Journal of Mathematics	0362-1588 数学
ILLINOIS J MATH Illinois Journal of Mathematics	0019-2082 数学
INDAGAT MATH NIndagationes Mathematicae-New Series	0019-3577 数学
INDIAN J PURE AP Indian Journal of Pure & Applied Mathematics	0019-5588 数学
INT J ALGEBR COn International Journal of Algebra and Computation	0218-1967 数学
INT J COMPUT GE(International Journal of Computational Geometry & Ap	
INT J COMPUT MA International Journal of Computer Mathematics	0020-7160 数学
INT J GAME THEOI International Journal of Game Theory	0020-7276 数学
INT J MATH International Journal of Mathematics	0129-167》数学
INT J NUMBER THI International Journal of Number Theory	1793-0421 数学
INT STAT REV International Statistical Review	0306-7734 数学
INTEGR EQUAT OF Integral Equations and Operator Theory	0378-6202数学
INTEGR TRANSF S Integral Transforms and Special Functions	1065-2469 数学
IRAN J FUZZY SYS Iranian Journal of Fuzzy Systems	1735-0654 数学
IZV MATH+ Izvestiya Mathematics	1064-5632 数学
J ALGEBRA APPL Journal of Algebra and Its Applications	0219-4988 数学
J ANAL MATH Journal D Analyse Mathematique	0021-7670 数学
J APPL STAT Journal of Applied Statistics	0266-4763 数学
J AUST MATH SOC Journal of the Australian Mathematical Society	1446-7887 数学
J COMB DES Journal of Combinatorial Designs	1063-8539 数学
J COMPUT ANAL AJournal of Computational Analysis and Applications	1521-1398 数学
J FIX POINT THEOI Journal of Fixed Point Theory and Applications	1661-7738 数学

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	F Journal of Function Spaces and Applications	0972-6802	
	Journal of Graph Theory	0364-9024	
	Journal of Grey System	0957-3720	
	Journal of Group Theory	1433-5883	
	T Journal of Hyperbolic Differential Equations	0219-8916	
	A Journal of Knot Theory and Its Ramifications	0218-2165	
	S Journal of the Korean Mathematical Society	0304-9914	
	(Journal of the Korean Statistical Society	1226-3192	
J K-THEORY	Journal of K-Theory	1865-2433	
J LIE THEORY	Journal of Lie Theory	0949-5932	数学
J MATH KYOTO U	Journal of Mathematics of Kyoto University	0023-608	数学
J MATH LOG		0219-0613	
J MATH SCI-U TO	K Journal of Mathematical Sciences-The University of Tok	1340-5705	数学
J MATH SOC JPN	Journal of the Mathematical Society of Japan	0025-5645	数学
J NONLINEAR CO	N Journal of Nonlinear and Convex Analysis	1345-4773	数学
J NONPARAMETR	Journal of Nonparametric Statistics	1048-5252	数学
J NUMBER THEOR	C Journal of Number Theory	0022-314X	数学
J NUMER MATH	Journal of Numerical Mathematics	1570-2820	数学
J OPERAT THEOR	Journal of Operator Theory	0379-4024	数学
J PURE APPL ALG	E Journal of Pure and Applied Algebra	0022-4049	数学
J STAT COMPUT S	I Journal of Statistical Computation and Simulation	0094-9655	数学
	(Journal of Symbolic Logic	0022-4812	
J SYST SCI COMPI	Journal of Systems Science & Complexity	1009-6124	数学
	Journal of Theoretical Probability	0894-9840	数学
	A Japan Journal of Industrial and Applied Mathematics	0916-7005	
KODAI MATH J	Kodai Mathematical Journal	0386-5991	数学
K-THEORY	K-Theory	0920-3036	
KYUSHU J MATH	Kyushu Journal of Mathematics	1340-6116	
	NLinear & Multilinear Algebra	0308-1087	
LITH MATH J	Lithuanian Mathematical Journal	0363-1672	
LOG J IGPL	Logic Journal of the Igpl	1367-0751	
MANUSCRIPTA M	A Manuscripta Mathematica	0025-2611	
	Mathematical and Computer Modelling of Dynamical Sy		
	A Mathematical Inequalities & Applications	1331-4343	
MATH INTELL	Mathematical Intelligencer	0343-6993	
	A Mathematical Logic Quarterly	0942-5616	
	Ol Mathematical Methods of Operations Research	1432-2994	
	Mathematical Modelling and Analysis	1392-6292	
MATH NACHR	Mathematische Nachrichten	0025-584X	
MATH NOTES+	Mathematical Notes	0001-4346	
	L Mathematical Physics Analysis and Geometry	1385-0172	
	Mathematical Population Studies	0889-8480	
	I Mathematical Proceedings of the Cambridge Philosophic		
MATH SCAND	Mathematica Scandinavica	0025-5521	
	Mathematica Slovaca	0139-9918	
MATH SOC SCI		0165-4896	
	F Mediterranean Journal of Mathematics	1660-5446	
METRIKA	Metrika	0026-1335	
MICH MATH J	Michigan Mathematical Journal	0026-2285	
	Monatshefte Fur Mathematik	0026-9255	
	Nagoya Mathematical Journal	0020-7233	
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NUMER ALGORITHN		1017-1398 0163-0563	
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	order-A Journal On the Theory of Ordered Sets and Its A		
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	roceedings of the American Mathematical Society		
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	roceedings of the Japan Academy Series A-Mathematic		
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POSITIVITY PO		1385-1292	
POTENTIAL ANAL PO		0926-2601	
	robability in the Engineering and Informational Science		
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	ublications of the Research Institute For Mathematical S		-> -
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		0033-5606	
	puaestiones Mathematicae	1607-3606	
	evista De La Real Academia De Ciencias Exactas Fisica		
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RESULTS MATH R		1422-6383	
REV SYMB LOGIC R	eview of Symbolic Logic	1755-0203	
		0035-7596	
	ussian Journal of Numerical Analysis and Mathematica	0927-6467	数学
		0036-0279	
SB MATH+ St	· · · · · · · · · · · · · · · · · · ·	1064-5616	数学
SEMIGROUP FORUS	emigroup Forum	0037-1912	数学
SIBERIAN MATH J-Si	iberian Mathematical Journal	0037-4466	数学
STAT METHOD APISt	tatistical Methods and Applications	1618-2510	数学
STAT NEERL St		0039-0402	
STAT PAP St	tatistical Papers	0932-5026	数学
STAT PROBABIL LIST		0167-7152	
STATISTICS St	tatistics	0233-1888	数学
STOCH ANAL APPIST	tochastic Analysis and Applications	0736-2994	数学
		0219-4937	数学
STOCH MODELS St	tochastic Models	1532-6349	数学
	tudia Mathematica	0039-3223	数学
STUD SCI MATH H St		0081-6906	
SURV METHODOL Su		0714-0045	
	aiwanese Journal of Mathematics	1027-5487	
		0040-585X	
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		0166-8641	
	urkish Journal of Mathematics	1300-0098	
UTILITAS MATHENU		0315-3681	
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ANNU REV FLUID A	nnual Review of Fluid Mechanics	0066-4189	物理

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CHAOS SOLITON F CLASSICAL QUAN CONTEMP PHYS EPL-EUROPHYS LI		0003-6951 0960-0779 0264-9381 0010-7514 0295-5075	物理 物理 物理 物理
J CHEM PHYS J MAGN RESON	European Physical Journal C (Journal of Applied Crystallography Journal of Chemical Physics Journal of Magnetic Resonance l Journal of the Mechanics and Physics of Solids	1434-6044 0021-8898 0021-9606 1090-7807 0022-5096	物理 物理 物理
J PHYS G NUCL PA J RAMAN SPECTRO J RHEOL J STAT MECH-THE	Journal of Physics G-Nuclear and Particle Physics (Journal of Raman Spectroscopy Journal of Rheology (Journal of Statistical Mechanics-Theory and Experiment (Journal of Synchrotron Radiation	0954-3899 0377-0486 0148-6055 1742-5468 0909-0495	物理物理物理
	Laser Physics Letters New Journal of Physics Nuclear Fusion Nuclear Physics B Optics Express	1612-2011 1367-2630 0029-5515 0550-3213 1094-4087	物物物物物物
OPT LETT PHYS LETT B PHYS PLASMAS PHYS REV A	Optics Letters Physics Letters B Physics of Plasmas Physical Review A	0146-9592 0370-2693 1070-664X 1050-2947	物理物理物理
PHYS REV B PHYS REV C PHYS REV D PHYS REV E PHYS TODAY	Physical Review B Physical Review C Physical Review D Physical Review E Physics Today	1098-0121 0556-2813 1550-7998 1539-3755 0031-9228	物理 物理 物理
PLASMA PROCESS PLASMA SOURCES	Plasma Physics and Controlled Fusion Plasma Processes and Polymers Plasma Sources Science & Technology Progress in Electromagnetics Research-Pier	0741-3335 1612-8850 0963-0252 1559-8985	物理 物理 物理

PROG OPTICS	Progress in Ontics	0079-6638	物押
	Progress in Particle and Nuclear Physics	0146-6410	
	Quantum Information & Computation	1533-7146	
	Spectrochimica Acta Part B-Atomic Spectroscopy	0584-8547	, ,
	Acta Crystallographica Section B-Structural Science	0108-7681	, ,
	Advances in Theoretical and Mathematical Physics	1095-0761	
ANN PHYS-BERLIN		0003-3804	物理
APPL COMPUT HA	Applied and Computational Harmonic Analysis	1063-5203	物理
APPL MECH REV	Applied Mechanics Reviews	0003-6900	物理
APPL OPTICS	Applied Optics	0003-6935	物理
	Applied Physics B-Lasers and Optics	0946-2171	,, ,
	Applied Physics Express	1882-0778	
APPL RHEOL	Applied Rheology	1430-6395	
	Archive For Rational Mechanics and Analysis	0003-9527	
	Atomic Data and Nuclear Data Tables	0092-640X	
CHAOS	Chaos	1054-1500	, ,
CHINESE PHYS	Chinese Physics	1009-1963	, ,
	Communications in Computational Physics	1815-2406	,, ,
	Communications in Mathematical Physics	0010-3616	
COMPUT FLUIDS	^	0045-7930	
	Computational Mechanics	0178-7675	
	Computer Physics Communications Current Applied Physics	0010-4655 1567-1739	
	Engineering Fracture Mechanics	0013-7944	
	European Journal of Mechanics A-Solids	0997-7538	, ,
EUR PHYS J A	European Physical Journal A	1434-6001	
EUR PHYS J B	European Physical Journal B	1434-6028	
EUR PHYS J D	European Physical Journal D	1434-6060	
	General Relativity and Gravitation	0001-7701	, ,
	International Journal of Mass Spectrometry	1387-3806	, ,
	International Journal of Multiphase Flow	0301-9322	, ,
	International Journal of Solids and Structures	0020-7683	, ,
J ACOUST SOC AM	Journal of the Acoustical Society of America	0001-4966	物理
J APPL PHYS	Journal of Applied Physics	0021-8979	物理
J COMPUT PHYS	Journal of Computational Physics	0021-9991	物理
	Journal of Crystal Growth	0022-0248	物理
J ELECTROMAGNI	Journal of Electromagnetic Waves and Applications	0920-5071	物理
J FLUID MECH	Journal of Fluid Mechanics	0022-1120	,, ,
J LUMIN	Journal of Luminescence	0022-2313	
	Journal of Magnetism and Magnetic Materials	0304-8853	
	Journal of Molecular Spectroscopy	0022-2852	,, ,
	Journal of Non-Newtonian Fluid Mechanics	0377-0257	,, ,
	Journal of Optics A-Pure and Applied Optics	1464-4258	
J OPT SOC AM A	Journal of the Optical Society of America A-Optics Imag		
J OPT SOC AM B	Journal of the Optical Society of America B-Optical Physical Advantage of Physical Advantage of Theory (1991)		
	F Journal of Physics A-Mathematical and Theoretical	1751-8113	, ,
	Journal of Physics B-Atomic Molecular and Optical Phys Journal of Physics D-Applied Physics	0022-3727	
J PHYS SOC JPN	Journal of the Physical Society of Japan	0022-3727	
	Journal of Physics-Condensed Matter	0953-8984	
	Journal of Physics-Condensed Watter Journal of Quantitative Spectroscopy & Radiative Transf		
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J STAT PHYS J TURBUL	Journal of Statistical Physics Journal of Turbulence	0022-4715 1468-5248	
JETP LETT+	Jetp Letters	0021-3640	
MOL PHYS	Molecular Physics	0021-3040	
	Nuclear Data Sheets	0020-3770	,, ,
NUCL PHYS A	Nuclear Physics A	0375-9474	
OPT COMMUN	Optics Communications	0030-4018	
PHIL MAG LETT	Philosophical Magazine Letters	0950-0839	
PHYS FLUIDS	Physics of Fluids	1070-6631	
PHYS LETT A	Physics Letters A	0375-9601	,, ,
	Physical Mesomechanics	1029-9599	,, ,
	Physical Review Special Topics-Accelerators and Beams		,, ,
	Physical Review Special Topics-Physics Education Research		
	Physica Status Solidi-Rapid Research Letters	1862-6254	
PHYSICA A	Physica A	0378-4371	
PHYSICA D	Physica D	0167-2789	
PHYS-USP+	Physics-Uspekhi	1063-7869	
PROG THEOR PHY	Progress of Theoretical Physics	0033-068X	物理
RHEOL ACTA	Rheologica Acta	0035-4511	物理
RIV NUOVO CIME	Rivista Del Nuovo Cimento	0393-697X	物理
SIAM J APPL DYN	Siam Journal On Applied Dynamical Systems	1536-0040	物理
SOLID STATE COM	Solid State Communications	0038-1098	物理
SOLID STATE ELE	(Solid-State Electronics	0038-1101	物理
SOLID STATE ION	I Solid State Ionics	0167-2738	物理
SOLID STATE NUC	Solid State Nuclear Magnetic Resonance	0926-2040	物理
SPECTROCHIM AC	Spectrochimica Acta Part A-Molecular and Biomolecular	1386-1425	物理
	Superconductor Science & Technology	0953-2048	物理
THEOR COMP FLU	Theoretical and Computational Fluid Dynamics	0935-4964	
ACOUST AUST		0814-6039	物理
ACOUST PHYS+	Acoustical Physics	1063-7710	,, ,
	Acta Acustica United With Acustica	1610-1928	
	Acta Crystallographica Section C-Crystal Structure Com		
	Acta Crystallographica Section E-Structure Reports Onlin		
ACTA MECH	Acta Mechanica	0001-5970	,, ,
	Acta Mechanica Sinica	0567-7718	
	Acta Mechanica Solida Sinica	0894-9166	
	Acta Physica Polonica A	0587-4246	,, ,
	Acta Physica Polonica B	0587-4254	,, ,
ACTA PHYS SIN-C		1000-3290	
	Advances in Imaging and Electron Physics	1076-5670	
AM J PHYS	American Journal of Physics	0002-9505	
	Annales Henri Poincare	1424-0637	
	Annales De Physique	0003-4169	
APPL ACOUST	Applied Acoustics	0003-682X	
	Applied Magnetic Resonance	0937-9347	
	Archives of Acoustics	0137-5075	
	Archive of Applied Mechanics	0939-1533	
	Atomic Spectroscopy	0195-5373	
BRAZ J PHYS	Brazilian Journal of Physics	0103-9733	
	Canadian Journal of Physics	0008-4204	
CENT EUK J PHYS	Central European Journal of Physics	1895-1082	彻埋

	Chinese Optics Letters	1671-7694	
	Chinese Journal of Chemical Physics	1674-0068	
	Chinese Journal of Physics	0577-9073	
CHINESE PHYS B		1674-1056	
CHINESE PHYS C		1674-1137	
	Chinese Physics Letters	0256-307X	
	Communications in Theoretical Physics	0253-6102	
	Concepts in Magnetic Resonance Part A	1546-6086	
	Concepts in Magnetic Resonance Part B-Magnetic Resor		
	Condensed Matter Physics	1607-324X	
	Continuum Mechanics and Thermodynamics	0935-1175	124
	Contributions to Plasma Physics	0863-1042	
	Comptes Rendus Mecanique	1631-0721	
	Comptes Rendus Physique	1631-0705	
	Cryogenics	0011-2275	
	Crystal Research and Technology	0232-1300	,, ,
	Crystallography Reports	1063-7745	,, ,
	Doklady Physics	1028-3358	
	Dynamical Systems-An International Journal	1468-9367	
	European Journal of Mass Spectrometry	1469-0667 0997-7546	
	European Journal of Mechanics B-Fluids		,, ,
	European Journal of Physics	0143-0807	
	European Physical Journal-Applied Physics European Physical Journal-Special Topics	1286-0042	
	Experimental Mechanics	1951-6355 0014-4851	
	Ferroelectrics Letters Section	0731-5171	
FEW-BODY SYST		0177-7963	
	Fiber and Integrated Optics	0177-7903	
	Fluid Dynamics Research	0169-5983	
	Fortschritte Der Physik-Progress of Physics	0015-8208	,, ,
	Foundations of Physics	0015-8208	
GRANUL MATTER	· · · · · · · · · · · · · · · · · · ·	1434-7636	
	High Energy Physics and Nuclear Physics-Chinese Edition		,, ,
	High Pressure Research	0895-7959	
	High Temperature	0018-151X	
	Ieee Transactions On Plasma Science	0093-3813	
	Indian Journal of Physics and Proceedings of the Indian		
	Indian Journal of Pure & Applied Physics	0019-5596	
	Infrared Physics & Technology	1350-4495	174
	International Journal of Applied Electromagnetics and M		
	International Journal of Computational Fluid Dynamics	1061-8562	
	International Journal of Exergy	1742-8297	,,,
	International Journal of Fracture	0376-9429	
	International Journal of Geometric Methods in Modern P		
	International Journal of Modern Physics A	0217-751X	
	International Journal of Modern Physics B	0217-9792	
	International Journal of Modern Physics C	0129-1831	
	International Journal of Modern Physics E-Nuclear Physic		
	International Journal of Non-Linear Mechanics	0020-7462	
	International Journal For Numerical Methods in Fluids	0271-2091	
	International Journal of Quantum Information	0219-7499	

INT J THEOR PHYS International Journal of Theoretical Physics INT J THERMOPHY International Journal of Thermophysics J APPL MECH TECI Journal of Applied Mechanics and Technical Physics J APPL MECH-T AS Journal of Applied Mechanics-Transactions of the Asmody Computational Acoustics J COMPUT ACOUS' Journal of Computational Acoustics J ELECTRON SPEC' Journal of Electron Spectroscopy and Related Phenome J EUR OPT SOC-RA Journal of the European Optical Society-Rapid Publicat J EXP THEOR PHYS Journal of Experimental and Theoretical Physics J GEOM PHYS Journal of Geometry and Physics J LASER APPL Journal of Laser Applications J LOW FREQ NOISI Journal of Low Frequency Noise Vibration and Active O	0218-396% 物理 na0368-2048 物理 ic 1990-2573 物理 1063-7761 物理 0393-0440 物理 1042-346% 物理
J LOW TEMP PHYS Journal of Low Temperature Physics	0022-2291 物理
J MATH FLUID ME Journal of Mathematical Fluid Mechanics	1422-6928 物理
J MATH PHYS Journal of Mathematical Physics	0022-2488 物理
J MECH Journal of Mechanics	1727-7191 物理
J MOD OPTIC Journal of Modern Optics	0950-0340 物理
J NEAR INFRARED Journal of Near Infrared Spectroscopy	0967-0335 物理
J NON-EQUIL THEI Journal of Non-Equilibrium Thermodynamics	0340-0204 物理
J NONLINEAR MAlJournal of Nonlinear Mathematical Physics	1402-9251 物理
J NONLINEAR OPT Journal of Nonlinear Optical Physics & Materials	0218-8635 物理
J OPT SOC KOREA Journal of the Optical Society of Korea	1226-4776物理
J OPT TECHNOL+ Journal of Optical Technology	1070-9762 物理
J PLASMA PHYS Journal of Plasma Physics	0022-3778 物理
J RUSS LASER RES Journal of Russian Laser Research	1071-2836 物理
J SUPERCOND NO\Journal of Superconductivity and Novel Magnetism	1557-1939 物理
J THEOR APP MECl Journal of Theoretical and Applied Mechanics	1429-2955 物理
J THERM SCI TECH Journal of Thermal Science and Technology	1880-5566 物理
JPN J APPL PHYS Japanese Journal of Applied Physics Part 1-Regular Par	
LASER FOCUS WO: Laser Focus World	1043-8092 物理
LASER PHYS Laser Physics LETT MATH PHYS Letters in Mathematical Physics	1054-660》物理
LIQ CRYST Liquid Crystals	0377-9017 物理 0267-8292 物理
LITH J PHYS Lithuanian Journal of Physics	1648-8504 物理
LOW TEMP PHYS+ Low Temperature Physics	1063-777》物理
MAGNETOHYDRO Magnetohydrodynamics	0024-998》物理
MECCANICA Meccanica	0025-6455 物理
MECH BASED DES Mechanics Based Design of Structures and Machines	1539-7734 物理
MECH RES COMMUMechanics Research Communications	0093-6413 物理
MECHANIKA Mechanika	1392-1207 物理
MOD PHYS LETT A Modern Physics Letters A	0217-7323 物理
MOD PHYS LETT B Modern Physics Letters B	0217-9849 物理
MOL CRYST LIQ Cl Molecular Crystals and Liquid Crystals	1542-1406物理
MULTIBODY SYST Multibody System Dynamics	1384-5640 物理
NONLINEARITY Nonlinearity	0951-7715 物理
NUCL INSTRUM M Nuclear Instruments & Methods in Physics Research Se	
NUCL INSTRUM M Nuclear Instruments & Methods in Physics Research Se	
NUCL SCI TECH Nuclear Science and Techniques	1001-8042 物理
NUKLEONIKA Nukleonika	0029-5922 物理
NUOVO CIMENTO Nuovo Cimento Della Societa Italiana Di Fisica B-Gene	
OPT APPL Optica Applicata	0078-5466 物理
OPT LASER TECHNOptics and Laser Technology	0030-3992 物理

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OPT REV	Optical Review	1340-6000	
OPTIK	Optics and Spectroscopy Optik	0030-400X 0030-4026	
PHASE TRANSIT	Phase Transitions	0141-1594	,, ,
PHONETICA	Phonetica	0031-8388	
PHOTONIC SPECTI		0731-1230	
	Physics of Atomic Nuclei	1063-7788	
	Physics of Particles and Nuclei	1063-7796	
PHYS PERSPECT		1422-6944	
PHYS SCRIPTA	Physica Scripta	0031-8949	
	Physics of the Solid State	1063-7834	
	Physica Status Solidi B-Basic Research	0370-1972	
PHYS WORLD	Physics World	0953-8585	
PHYSICA B	Physica B	0921-4526	
PHYSICA C	Physica C	0921-4534	
PHYSICA E	Physica E	1386-9477	
PLASMA DEVICES	Plasma Devices and Operations	1051-9998	物理
	Plasma Physics Reports	1063-780X	物理
PLASMA SCI TECH	Plasma Science & Technology	1009-0630	物理
PMM-J APPL MATE	Pmm Journal of Applied Mathematics and Mechanics	0021-8928	物理
PRAMANA-J PHYS	Pramana-Journal of Physics	0304-4289	物理
PROBL ATOM SCI	Problems of Atomic Science and Technology	1562-6016	物理
	Progress in Computational Fluid Dynamics	1468-4349	物理
PROG THEOR PHY	Progress of Theoretical Physics Supplement	0375-9687	物理
Q J MECH APPL MA	Quarterly Journal of Mechanics and Applied Mathematic	0033-5614	物理
QUANTUM INF PR	Quantum Information Processing	1570-0755	物理
RADIAT EFF DEFE	Radiation Effects and Defects in Solids	1042-0150	物理
	Regular & Chaotic Dynamics	1560-3547	
	Reports On Mathematical Physics	0034-4877	
	Revista Brasileira De Ensino De Fisica	1806-1117	,, ,
	Reviews in Mathematical Physics	0129-055X	
REV MEX FIS	Revista Mexicana De Fisica	0035-001X	,, ,
ROM J PHYS	Romanian Journal of Physics	1221-146X	
	Romanian Reports in Physics	1221-1451	
	Russian Journal of Mathematical Physics	1061-9208	,, ,
	Science in China Series G-Physics Mechanics & Astrono		
	Semiconductors and Semimetals	0080-8784	
SEMICONDUCTOR		1063-7826	,, ,
SHOCK VIB	Shock and Vibration	1070-9622	
SHOCK WAVES	Shock Waves	0938-1287	
SOLID STATE PHY		0081-1947	
SOUND VIB	Sound and Vibration	1541-0161	
	Spectroscopy Letters Spectroscopy An International Journal	0038-7010	
	Spectroscopy-An International Journal	0712-4813	
SPECTROSCOPY	Spectroscopy	0887-6703	
	Studies in History and Philosophy of Modern Physics	1355-2198	
	Superlattices and Microstructures Symmetry Integrability and Geometry-Methods and App	0749-6036 1815-0659	
	Technical Physics Letters	1063-7850	
TECH PHYS+	Technical Physics Technical Physics	1063-7830	
	Theoretical and Mathematical Physics	0040-5779	
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ADV IMMUNOL	Advances in Immunology	0065-2776 医学	
	American Journal of Clinical Nutrition l American Journal of Gastroenterology	0002-9165 医学 0002-9270 医学	
	American Journal of Psychiatry	0002-953》 医学	
	American Journal of Respiratory and Critical Care Medic		
	American Journal of Transplantation Annals of Internal Medicine	1600-6135 医学	
	Annals of Neurology	0003-4819 医学 0364-5134 医学	
ANN RHEUM DIS		0003-4967 医学	
ANN SURG	Annals of Surgery	0003-4932 医学	
	Annual Review of Immunology	0732-0582 医学	
	Annual Review of Medicine	0066-4219 医学	
ANNU REV NEUR	CAnnual Review of Neuroscience	0147-006》 医学	:
	Annual Review of Nutrition	0199-9885 医学	
	O Annual Review of Pathology-Mechanisms of Disease	1553-4006 医学	
	v Annual Review of Pharmacology and Toxicology	0362-1642 医学	
	(Annual Review of Physiology	0066-4278 医学	
	I Annual Review of Psychology F Annual Review of Public Health	0066-4308 医学 0163-7525 医学	
	I Archives of General Psychiatry	0003-7920 医学	
	Archives of General Tsychiatry	0003-9926 医学	
	(Arteriosclerosis Thrombosis and Vascular Biology	1079-5642 医学	
	Arthritis and Rheumatism	0004-3591 医学	
BBA-REV CANCER	R Biochimica Et Biophysica Acta-Reviews On Cancer	0304-419X 医学	:
BEHAV BRAIN SC	I Behavioral and Brain Sciences	0140-525% 医学	:
BIOL PSYCHIAT		0006-3223 医学	:
BLOOD	Blood	0006-4971 医学	
BLOOD REV	Blood Reviews	0268-960% 医学	
BRAIN	Brain	0006-8950 医学	
BRAIN RES REV	Brain Research Reviews British Medical Journal	0165-0173 医学	
BRIT MED J	NCa-A Cancer Journal For Clinicians	0959-535X 医学0007-9235 医学	
	J Canadian Medical Association Journal	0820-3946 医学	
CANCER CELL	Cancer Cell	1535-6108 医学	
	Cancer and Metastasis Reviews	0167-7659 医学	
CANCER RES	Cancer Research	0008-5472 医学	
CEREB CORTEX	Cerebral Cortex	1047-3211 医学	
CIRC RES	Circulation Research	0009-7330 医学	
CIRCULATION	Circulation	0009-7322 医学	
	S Clinical Cancer Research	1078-0432 医学	
CLIN INFECT DIS	Clinical Infectious Diseases	1058-4838 医学	:

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CLIN MICROBIOL	1Clinical Microbiology Reviews	0893-8512 医学
CLIN PHARMACO	I Clinical Pharmacology & Therapeutics	0009-9236 医学
CRIT CARE MED	Critical Care Medicine	0090-3493 医学
CURR OPIN IMMI	Th Current Opinion in Immunology	0952-7915 医学
	C Current Opinion in Lipidology	0957-9672 医学
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	CCurrent Opinion in Neurobiology	0959-4388 医学
	A Current Opinion in Pharmacology	1471-4892 医学
DIABETES	Diabetes	0012-1797 医学
DIABETES CARE	Diabetes Care	0149-5992 医学
DIABETOLOGIA	Diabetologia	0012-186% 医学
DRUG DISCOV TO	OI Drug Discovery Today	1359-6446 医学
	D Drug Resistance Updates	1368-7646 医学
		• •
	I Emerging Infectious Diseases	1080-6040 医学
ENDOCR REV	Endocrine Reviews	0163-769》医学
EPIDEMIOL REV	Epidemiologic Reviews	0193-936% 医学
EUR HEART J	European Heart Journal	0195-668% 医学
EUR UROL	European Urology	0302-2838 医学
FRONT NEUROEN	II Frontiers in Neuroendocrinology	0091-3022 医学
GASTROENTERO		0016-5085 医学
	C Gastroenterology	0016-5107 医学
	Gut	· ·
GUT		0017-5749 医学
HEPATOLOGY	Hepatology	0270-9139 医学
HUM MUTAT	Human Mutation	1059-7794 医学
HUM REPROD UP	D Human Reproduction Update	1355-4786 医学
HYPERTENSION	Hypertension	0194-911% 医学
IMMUNITY	Immunity	1074-7613 医学
IMMUNOL REV	Immunological Reviews	0105-2896 医学
	Il Journal of Allergy and Clinical Immunology	0091-6749 医学
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	It Journal of the American College of Cardiology	0735-1097 医学
	O Journal of the American Society of Nephrology	1046-6673 医学
J AUTOIMMUN	J	0896-8411 医学
J BONE MINER RE	S Journal of Bone and Mineral Research	0884-0431 医学
J CLIN INVEST	Journal of Clinical Investigation	0021-9738 医学
J CLIN ONCOL	Journal of Clinical Oncology	0732-183% 医学
J EXP MED	Journal of Experimental Medicine	0022-1007 医学
J HEPATOL	Journal of Hepatology	0168-8278 医学
	Journal of the National Cancer Institute	0027-8874 医学
	Journal of Neuroscience	0270-6474 医学
J NEUROSCI		— ·
J NUCL MED	Journal of Nuclear Medicine	0161-5505 医学
	C Journal of Thrombosis and Haemostasis	1538-7933 医学
JAMA-J AM MED	A Jama-Journal of the American Medical Association	0098-7484 医学
LANCET	Lancet	0140-6736 医学
LANCET INFECT I	D Lancet Infectious Diseases	1473-3099 医学
LANCET NEUROL	Lancet Neurology	1474-4422 医学
LANCET ONCOL		1470-2045 医学
LEUKEMIA	Leukemia	0887-6924 医学
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MED RES REV	Medicinal Research Reviews	0198-6325 医学
	El Molecular Aspects of Medicine	0098-2997 医学
	Molecular Psychiatry	1359-4184 医学
NAT CLIN PRACT	(Nature Clinical Practice Oncology	1743-4254 医学
NAT IMMUNOL	Nature Immunology	1529-2908 医学

NAT MED Nature Medicine	1078-8956 医学
NAT NEUROSCI Nature Neuroscience	1097-6256 医学
NAT REV CANCER Nature Reviews Cancer	1474-175》 医学
NAT REV DRUG DI Nature Reviews Drug Discovery	1474-1776 医学
NAT REV IMMUNC Nature Reviews Immunology	1474-1733 医学
NAT REV NEUROS Nature Reviews Neuroscience	1471-0048 医学
NEUROLOGY Neurology	0028-3878 医学
NEURON Neuron	0896-6273 医学
NEUROPSYCHOPH Neuropsychopharmacology	0893-133》医学
NEUROSCI BIOBEł Neuroscience and Biobehavioral Reviews	0149-7634 医学
NEW ENGL J MED New England Journal of Medicine	0028-4793 医学
	1467-7881 医学
ONCOGENE Oncogene	0950-9232 医学
PHARMACOL REV Pharmacological Reviews	0031-6997 医学
PHARMACOL THEIPharmacology & Therapeutics	0163-7258 医学
PHYSIOL REV Physiological Reviews	0031-9333 医学
PHYSIOLOGY Physiology	1548-9213 医学
PLOS MED Plos Medicine	1549-1277 医学
PROG NEUROBIOL Progress in Neurobiology	0301-0082 医学
PROG RETIN EYE F Progress in Retinal and Eye Research	1350-9462 医学
PSYCHOL BULL Psychological Bulletin	0033-2909 医学
PSYCHOL REV Psychological Review	0033-295% 医学
REV MED VIROL Reviews in Medical Virology	1052-9276 医学
SCHIZOPHRENIA ESchizophrenia Bulletin	0586-7614 医学
SEMIN CANCER BI Seminars in Cancer Biology	1044-579》医学
SEMIN IMMUNOL Seminars in Immunology	1044-5323 医学
STEM CELLS Stem Cells	1066-5099 医学
STROKE Stroke	0039-2499 医学
THORAX Thorax	0040-6376 医学
TRENDS COGN SCITrends in Cognitive Sciences	1364-6613 医学
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TRENDS NEUROSC Trends in Neurosciences	0166-2236 医学
TRENDS PHARMA(Trends in Pharmacological Sciences	0165-6147 医学
WHO TECH REP SE Who Technical Report Series	0512-3054 医学
AAPS J Aaps Journal	1550-7416 医学
ACTA NEUROPATI Acta Neuropathologica	0001-6322 医学
ACTA PSYCHIAT S Acta Psychiatrica Scandinavica	0001-690%医学
ADDICTION Addiction	0965-2140 医学
ADV CANCER RES Advances in Cancer Research	0065-230% 医学
ADV PARASIT Advances in Parasitology	0065-308% 医学
ADV STUD BEHAV Advances in the Study of Behavior	0065-3454 医学
ADV VIRUS RES Advances in Virus Research	0065-3527 医学
AGE Age	0161-9152 医学
AGEING RES REV Ageing Research Reviews	1568-1637 医学
AIDS Aids	0269-9370 医学
AIDS REV Aids Reviews	1139-6121 医学
ALIMENT PHARM 'Alimentary Pharmacology & Therapeutics	0269-2813 医学
ALLERGY Allergy	0105-4538 医学
ALZHEIMERS DEM Alzheimers & Dementia	1552-5260 医学

AM HEART J American Heart Journal AM J CARDIOL American Journal of Cardiology AM J EPIDEMIOL American Journal of Epidemiology AM J GERIAT PSYC American Journal of Geriatric Psychian AM J KIDNEY DIS American Journal of Kidney Diseases AM J MED American Journal of Medicine AM J MED GENET American Journal of Medical Genetics	0272-6386 医学0002-9343 医学
AM J MED GENET (American Journal of Medical Genetics AM J PATHOL American Journal of Pathology AM J PHYSIOL-ENI American Journal of Physiology-Endo AM J PHYSIOL-GA! American Journal of Physiology-Gastr	Part C-Seminars i 1552-4868 医学 0002-9440 医学 crinology and Met 0193-1849 医学
AM J PHYSIOL-HE, American Journal of Physiology-Heart AM J PHYSIOL-LUl American Journal of Physiology-Lung AM J PHYSIOL-RE American Journal of Physiology-Renal AM J PREV MED American Journal of Preventive Medic AM J PUBLIC HEAI American Journal of Public Health	Cellular and Mole 1040-0605 医学 l Physiology 1931-857》 医学
AM J SPORT MED American Journal of Sports Medicine AM J SURG PATHO American Journal of Surgical Patholog ANESTHESIOLOGY Anesthesiology ANN EMERG MED Annals of Emergency Medicine	0363-5465 医学
ANN FAM MED Annals of Family Medicine ANN MED Annals of Medicine ANN ONCOL Annals of Oncology ANN SURG ONCOL Annals of Surgical Oncology ANNIL REV. CL. IN 18 Annual Paviana of Clinical Pavakalogy	1544-1709 医学 0785-3890 医学 0923-7534 医学 1068-9265 医学
ANNU REV CLIN P; Annual Review of Clinical Psychology ANTIMICROB AGE Antimicrobial Agents and Chemothera ANTIVIR RES Antiviral Research ANTIVIR THER Antiviral Therapy ARCH DERMATOL Archives of Dermatology	
ARCH NEUROL-CH Archives of Neurology ARCH PEDIAT ADC Archives of Pediatrics & Adolescent M ARCH SURG-CHIC, Archives of Surgery ARTHRIT RHEUM-, Arthritis & Rheumatism-Arthritis Care	0004-0010 医学 & Research 0004-3591 医学
ARTHRITIS RES TF Arthritis Research & Therapy ATHEROSCLEROSI Atherosclerosis ATHEROSCLEROSI Atherosclerosis Supplements AUTOIMMUN REV Autoimmunity Reviews B WORLD HEALTH Bulletin of the World Health Organiza	1478-6362 医学 0021-9150 医学 1567-5688 医学 1568-9972 医学 tion 0042-9686 医学
BASIC RES CARDI(Basic Research in Cardiology BEST PRACT RES (Best Practice & Research Clinical End BIOCHEM PHARM/Biochemical Pharmacology BIOL BLOOD MAR Biology of Blood and Marrow Transpl	0300-8428 医学 ocrinology & Met: 1521-690X 医学 0006-2952 医学
BIOL PSYCHOL Biological Psychology BIPOLAR DISORD Bipolar Disorders BMC MED Bmc Medicine BONE Bone BRAIN BEHAV IMN Brain Behavior and Immunity	0301-0511 医学 1398-5647 医学 1741-7015 医学 8756-3282 医学 0889-1591 医学
BRAIN PATHOL Brain Pathology BRAIN STRUCT FU Brain Structure & Function BREAST CANCER I Breast Cancer Research BREAST CANCER I Breast Cancer Research and Treatment	1015-6305 医学 1863-2653 医学 1465-5411 医学

BRIT J CANCER British Journal of Cancer	0007-0920 医学
BRIT J DERMATOL British Journal of Dermatology	0007-0963 医学
BRIT J HAEMATOL British Journal of Haematology	0007-1048 医学
BRIT J PHARMACC British Journal of Pharmacology	0007-1188 医学
BRIT J PSYCHIAT British Journal of Psychiatry	0007-1250 医学
BRIT J SURG British Journal of Surgery	0007-1323 医学
CANCER CAUSE C(Cancer Causes & Control	0957-5243 医学
CANCER EPIDEM F Cancer Epidemiology Biomarkers & Prevention	1055-9965 医学
CANCER IMMUNO Cancer Immunology Immunotherapy	0340-7004 医学
CANCER LETT Cancer Letters	0304-3835 医学
CANCER PREV REs Cancer Prevention Research	1940-6207 医学
CANCER SCI Cancer Science	1347-9032 医学
CANCER TREAT RICancer Treatment Reviews	0305-7372 医学
CANCER-AM CANCCancer	0008-543% 医学
CARCINOGENESIS Carcinogenesis	0143-3334 医学
CARDIOVASC DRUCardiovascular Drug Reviews	0897-5957 医学
CARDIOVASC BRCCardiovascular Brug Reviews CARDIOVASC RES Cardiovascular Research	— ·
	0008-6363 医学
CELL ONCOL Cellular Oncology	1570-5870 医学
CHEM RES TOXIC(Chemical Research in Toxicology	0893-228》 医学
CHEST Chest	0012-3692 医学
CIRC-ARRHYTHMI Circulation-Arrhythmia and Electrophysiology	1941-3149 医学
CIRC-HEART FAIL Circulation-Heart Failure	1941-3289 医学
CLIN CHEM Clinical Chemistry	0009-9147 医学
CLIN EXP ALLERG Clinical and Experimental Allergy	0954-7894 医学
CLIN GASTROENT Clinical Gastroenterology and Hepatology	1542-3565 医学
CLIN IMMUNOL Clinical Immunology	1521-6616 医学
CLIN J AM SOC NE Clinical Journal of the American Society of Nephrology	
CLIN MICROBIOL 1 Clinical Microbiology and Infection	1198-743% 医学
CLIN NUCL MED Clinical Nuclear Medicine	0363-9762 医学
CLIN PHARMACOl Clinical Pharmacokinetics	0312-5963 医学
CLIN SCI Clinical Science	0143-5221 医学
CNS DRUG REV Cns Drug Reviews	1080-563% 医学
CNS DRUGS Cns Drugs	1172-7047 医学
CNS NEUROL DISC Cns & Neurological Disorders-Drug Targets	1871-5273 医学
COCHRANE DB SY Cochrane Database of Systematic Reviews	1469-493% 医学
COGNITIVE PSYCF Cognitive Psychology	0010-0285 医学
CRIT CARE Critical Care	1466-609》 医学
CRIT REV CL LAB Critical Reviews in Clinical Laboratory Sciences	1040-8363 医学
CRIT REV ONCOL 1 Critical Reviews in Oncology Hematology	1040-8428 医学
CRIT REV TOXICO Critical Reviews in Toxicology	1040-8444 医学
CURR ALZHEIMER Current Alzheimer Research	1567-2050 医学
CURR CANCER DR Current Cancer Drug Targets	1568-0096 医学
CURR DRUG META Current Drug Metabolism	1389-2002 医学
CURR DRUG TARG Current Drug Targets	1389-4501 医学
CURR GENE THER Current Gene Therapy	1566-5232 医学
CURR MED CHEM Current Medicinal Chemistry	0929-8673 医学
CURR MOL MED Current Molecular Medicine	1566-5240 医学
CURR OPIN CLIN N Current Opinion in Clinical Nutrition and Metabolic Ca	• •
CURR OPIN DRUG Current Opinion in Drug Discovery & Development	1367-6733 医学
CURR OPIN GASTR Current Opinion in Gastroenterology	0267-1379 医学
CURR OPIN HEMA' Current Opinion in Hematology	1065-6251 医学

CURR OPIN INVEST CURR OPIN NEPHR CURR OPIN NEURO CURR OPIN ONCOL CURR OPIN RHEUN CURR PHARM DES CURR PROB CANC CURR PROB CARD CURR TOP MED CH CURR TOP MICROL CURR VASC PHAR DIABETES OBES M	Current Opinion in Infectious Diseases Current Opinion in Investigational Drugs Current Opinion in Nephrology and Hypertension Current Opinion in Neurology Current Opinion in Oncology Current Opinion in Rheumatology Current Pharmaceutical Design Current Problems in Cancer Current Problems in Cardiology Current Topics in Medicinal Chemistry Current Topics in Microbiology and Immunology Current Vascular Pharmacology Diabetes Obesity & Metabolism Corug and Alcohol Dependence	0951-7375 医学 1472-4472 医
	Drug and Alcohol Dependence Drug Metabolism and Disposition	03/6-8/16 医字 0090-9556 医学
DRUG METAB REV	Drug Metabolism Reviews	0360-2532 医学
DRUG SAFETY	Drug Safety	0114-5916 医学
DRUGS	Drugs	0012-6667 医学
ENDOCRINOLOGY		0013-7227 医学
	Endocrine-Related Cancer	1351-0088 医学
ENDOSCOPY	Endoscopy	0013-726》 医学
EPIDEMIOLOGY	Epidemiology	1044-3983 医学
EPILEPSIA	Epilepsia	0013-9580 医学
EUR J CANCER	European Journal of Cancer	0959-8049 医学
	European Journal of Endocrinology	0804-4643 医学
EUR J IMMUNOL	European Journal of Immunology	0014-2980 医学
EUR J NEUROSCI	A.	0953-816%医学
	European Journal of Nuclear Medicine and Molecular In	
EUR J PAIN	European Journal of Pain	1090-3801 医学
EUR RADIOL	European Neuropsychopharmacology European Radiology	0924-977X 医学 0938-7994 医学
EUR RESPIR J	European Respiratory Journal	0903-1936 医学
	Exercise Immunology Review	1077-5552 医学
EXP CELL RES	Experimental Cell Research	0014-4827 医学
EXP NEUROL	Experimental Neurology	0014-4886 医学
	Expert Opinion On Investigational Drugs	1354-3784 医学
	Expert Opinion On Therapeutic Targets	1472-8222 医学
	Expert Review of Molecular Diagnostics	1473-7159 医学
FERTIL STERIL	Fertility and Sterility	0015-0282 医学
	Free Radical Biology and Medicine	0891-5849 医学
	Genes Chromosomes & Cancer	1045-2257 医学
GENE THER	Gene Therapy	0969-7128 医学
GENES BRAIN BEH	Genes Brain and Behavior	1601-1848 医学
GENES IMMUN	Genes and Immunity	1466-4879 医学
GENET MED	Genetics in Medicine	1098-3600 医学
GLIA	Glia	0894-1491 医学
HAEMATOL-HEMA	Haematologica-The Hematology Journal	0390-6078 医学
HEALTH TECHNOI	Health Technology Assessment	1366-5278 医学
HEART	Heart	1355-6037 医学
HEART FAIL REV	Heart Failure Reviews	1382-4147 医学
HEART RHYTHM	Heart Rhythm	1547-5271 医学

HIPPOCAMPUS HISTOPATHOLOGY HORM BEHAV HUM BRAIN MAPP	^ ^	1050-9631 医学 0309-0167 医学 0018-506 医学 1065-9471 医学
HUM GENE THER HUM REPROD	Human Gene Therapy Human Reproduction	1043-0342 医学 0268-1161 医学
	Heee Transactions On Medical Imaging Elmmunology and Cell Biology	0278-0062 医学0818-9641 医学
IMMUNOLOGY		0019-2805 医学
INFECT IMMUN	Infection and Immunity	0019-9567 医学
	Inflammatory Bowel Diseases	1078-0998 医学
INT J ANDROL	International Journal of Andrology	0105-6263 医学
INT J CANCER	International Journal of Cancer International Journal of Epidemiology	0020-7136 医学 0300-5771 医学
	International Journal of Epidemiology International Journal of Immunopathology and Pharmaco	•
	International Journal of Neuropsychopharmacology	1461-1457 医学
	International Journal of Obesity	0307-0565 医学
	International Journal For Parasitology	0020-7519 医学
	International Journal of Radiation Oncology Biology Phy	- •
	International Reviews of Immunology	0883-0185 医学
INTENS CARE MEI	Intensive Care Medicine	0342-4642 医学
INVEST OPHTH VI	Investigative Ophthalmology & Visual Science	0146-0404 医学
	Investigative Radiology	0020-9996 医学
	Journal of Affective Disorders	0165-0327 医学
	Journal of Alzheimers Disease	1387-2877 医学
	Journal of the American Academy of Child and Adolesce	
	Journal of the American Academy of Dermatology	0190-9622 医学
	Journal of the American College of Surgeons	1072-7515 医学
	Journal of the American Geriatrics Society	0002-8614 医学
	Solution of the American Medical Directors Association	1525-8610 医学
	Journal of the American Medical Informatics Association Journal of Antimicrobial Chemotherapy	0305-7453 医学
	Journal of Anumicrobial Chemotherapy Journal of Applied Physiology	8750-7587 医学
	Journal of Cardiovascular Electrophysiology	1045-3873 医学
	Journal of Cellular and Molecular Medicine	1582-1838 医学
	Journal of Cerebral Blood Flow and Metabolism	0271-678》 医学
	Journal of Child Psychology and Psychiatry	0021-9630 医学
	Journal of Clinical Endocrinology and Metabolism	0021-972》 医学
	Journal of Clinical Microbiology	0095-1137 医学
J CLIN PSYCHIAT	Journal of Clinical Psychiatry	0160-6689 医学
J CLIN PSYCHOPH	Journal of Clinical Psychopharmacology	0271-0749 医学
	Journal of Cognitive Neuroscience	0898-929》医学
	Journal of Comparative Neurology	0021-9967 医学
	Journal of Controlled Release	0168-3659 医学
J GEN PHYSIOL	Journal of General Physiology	0022-1295 医学
J HYPERTENS	Journal of Hypertension	0263-6352 医学
J IMMUNOL	Journal of Immunology	0022-1767 医学
J IMMUNOTHER J INFECT DIS	Journal of Immunotherapy Journal of Infectious Diseases	1524-9557 医学
J INTERN MED	Journal of Internal Medicine	0022-1899 医学 0954-6820 医学
	Journal of Investigative Dermatology	0022-2022 医学
UNIVERSI DERMINI	Journal of hivesugative Definatorogy	0022 2022 区子

	D Journal of Leukocyte Biology	0741-5400 医学
	Al Journal of Mammary Gland Biology and Neoplasia	1083-3021 医学
J MED CHEM	Journal of Medicinal Chemistry	0022-2623 医学
J MED GENET	Journal of Medical Genetics	0022-2593 医学
	F Journal of Medical Internet Research	1438-8871 医学
	D Journal of Molecular and Cellular Cardiology	0022-2828 医学
J MOL DIAGN		1525-1578 医学
	Journal of Molecular Medicine-Jmm	0946-2716 医学
J NEUROCHEM	2	0022-3042 医学
	M Journal of Neuroinflammation	1742-2094 医学
	S Journal of Neurology Neurosurgery and Psychiatry	0022-3050 医学
	F Journal of Neuropathology and Experimental Neurology	
	Journal of Neurophysiology	0022-3077 医学
J NEUROTRAUM		0897-7151 医学
J NUTR	Journal of Nutrition	0022-3166 医学
	Journal of Nutritional Biochemistry	0955-2863 医学
J PAIN	Journal of Pain	1526-5900 医学
J PATHOL	Journal of Pathology	0022-3417 医学
J PEDIATR-US	Journal of Pediatrics	0022-3476 医学
	Al Journal of Pharmacology and Experimental Therapeutic	
	O Journal of Physiology-London	0022-3751 医学
J PINEAL RES	Journal of Pineal Research	0742-3098 医学
	J Journal of Psychiatry & Neuroscience	1180-4882 医学
	Journal of Psychiatric Research	0022-3956 医学
	A Journal of Psychopharmacology	0269-8811 医学
J RHEUMATOL	Journal of Rheumatology	0315-162X 医学
J SEX MED	Journal of Sexual Medicine	1743-6095 医学
J UROLOGY	Journal of Urology	0022-5347 医学
J VASC SURG	Journal of Vascular Surgery	0741-5214 医学
J VIROL	Journal of Virology	0022-538% 医学
	IJaids-Journal of Acquired Immune Deficiency Syndrom	
KIDNEY INT	Kidney International	0085-2538 医学
LAB INVEST	Laboratory Investigation	0023-6837 医学
	Learning & Memory	1072-0502 医学
	A Liver Transplantation C Mayo Clinic Proceedings	1527-6465 医学
	E Mechanisms of Ageing and Development	0025-6196 医学 0047-6374 医学
MEDICINE	Medicine Medicine	0047-0374 医字 0025-7974 医学
MENOPAUSE	Menopause-The Journal of the North American Menopa	
METABOLOMICS	^	1573-3882 医学
MILBANK Q	Milbank Quarterly	0887-378》 医学
MODERN PATHOI		0893-3952 医学
MOL CANCER	Molecular Cancer	1476-4598 医学
	S Molecular Cancer Research	1541-7786 医学
	E Molecular Cancer Therapeutics	1535-7163 医学
	O Molecular and Cellular Neuroscience	1044-7431 医学
	of Molecular and Centular Neuroscience Molecular Endocrinology	0888-8809 医学
MOL IMMUNOL	Molecular Immunology Molecular Immunology	0161-5890 医学
MOL MED	Molecular Medicine	1076-1551 医学
	Molecular Neurobiology	0893-7648 医学
	E Molecular Neurodegeneration	1750-1326 医学
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VACCINE VIROLOGY WORLD J BIOL PSY WORLD PSYCHIAT ACAD EMERG MEI ACAD MED ACTA DERM-VENE ACTA NEUROL SC. ACTA ONCOL ACTA OPHTHALMO ACTA PHYSIOL ADV ANAT PATHO	Trends in Parasitology Vaccine Virology World Journal of Biological Psychiatry World Psychiatry Academic Emergency Medicine Academic Medicine Acta Dermato-Venereologica Acta Neurologica Scandinavica Acta Oncologica Acta Ophthalmologica Acta Physiologica Advances in Anatomic Pathology Advances in Clinical Chemistry Age and Ageing	1471-4922 医学 0264-410》 医学学 0042-6822 医医学 1562-2975 医医医医性 1723-8617 医医医医性 1069-6563 医医医医的 0001-5555 医医医医医 0001-6314 医医学 0284-1862 医医医医医 1755-3752 医医医医医 1748-1708 医医学 1072-4109 医医学 0065-2423 医学

AGING MALE	Aging Molo	1368-5538 医学	·
	Aids Patient Care and Stds	1087-2914 医学	
	Alcohol	0741-8329 医学	
	Alcohol and Alcoholism	0735-0414 医学	
	Alcoholism-Clinical and Experimental Research	0145-6008 医学	
	Alternative Medicine Review	1089-5159 医学	
	Alzheimer Disease & Associated Disorders	0893-0341 医学	
	American Journal of Clinical Pathology	0002-9173 医学	
	American Journal of Chinical Lathology American Journal of Hematology	0361-8609 医学	
	American Journal of Hypertension	0895-7061 医学	
	American Journal of Infection Control	0196-6553 医学	
	American Journal of Managed Care	1088-0224 医学	
	American Journal of Managed Care American Journal of Nephrology	0250-8095 医学	
	American Journal of Neuroradiology	0195-6108 医学	
	American Journal of Neuroradiology American Journal of Obstetrics and Gynecology	0002-9378 医学	
	American Journal of Obstetrics and Gynecology American Journal of Ophthalmology	0002-9376 医学	
	American Journal of Ophthamhology American Journal of Physiology-Regulatory Integrative a	· ·	
	American Journal of Physiology-Regulatory integrative a	1046-7408 医学	
	American Journal of Reproductive Infinitiology American Journal of Roentgenology	0361-803》医学	
	American Journal of Koemgenology American Journal of Surgery	0002-9610 医学	
	American Journal of Surgery American Journal of Tropical Medicine and Hygiene	0002-9610 医学 0002-9637 医学	
	Amyotrophic Lateral Sclerosis	1748-2968 医学	
ANAESTHESIA		0003-2409 医学	
	Anaesthesia and Analgesia	0003-2409 医学	
	Annals of Allergy Asthma & Immunology	1081-1206 医学	
	Annals of Anergy Asuma & minumology Annals of Epidemiology	1047-2797 医学	
ANN HEMATOL		0939-5555 医学	
	Annals of Pharmacotherapy	1060-0280 医学	
	Annals of Tharmacouncrapy Annals of Thoracic Surgery	0003-4975 医学	
ANTI-CANCER DRIA		0959-4973 医学	
	Appetite	0195-6663 医学	
	Archives of Clinical Neuropsychology	0887-6177 医学	
	Archives of Chinear Neuropsychology Archives of Disease in Childhood	0003-9888 医学	
	Archives of Disease in Childhood-Fetal and Neonatal Ed		
	Archives of Ophthalmology	0003-9950 医学	
	Archives of Pathology & Laboratory Medicine	0003-9985 医学	
	Archives of Taniology & Laboratory Wedletine Archives of Toxicology	0340-5761 医学	
	Arthroscopy	0749-8063 医学	
	Assay and Drug Development Technologies	1540-658》 医学	
	Australian and New Zealand Journal of Psychiatry	0004-8674 医学	
AUTOIMMUNITY A		0891-6934 医学	
	Behavioral and Brain Functions	1744-9081 医学	
	Behavioural Brain Research	0166-4328 医学	
	Behavioral Neuroscience	0735-7044 医学	
	Behavioural Pharmacology	0955-8810 医学	
	Best Practice & Research in Clinical Gastroenterology	1521-6918 医学	
	Best Practice & Research Clinical Haematology	1521-6926 医学	
	Best Practice & Research in Clinical Rheumatology	1521-6942 医学	
	Biodrugs	1173-8804 医学	
BIOGERONTOLOGI		1389-5729 医学	
	Bioorganic & Medicinal Chemistry Letters	0960-894% 医学	

BJOG-INT J OBSTE Bjog-An International Journal of Obstetrics and Gynaeco 1470-BJU INT Bju International 1464-BLOOD CELL MOL Blood Cells Molecules and Diseases 1079-BMC CANCER Bmc Cancer 1471-BMC IMMUNOL Bmc Immunology 1471-BMC IMMUNOL Bmc Immunology 1471-BMC IMFECT DIS Bmc Infectious Diseases 1471-BMC MED GENOM Bmc Medical Genetics 1471-BMC MED GENOM Bmc Medical Genomics 1755-BMC MED GENOM Bmc Medical Genomics 1755-BMC MED RES ME Bmc Medical Research Methodology 1471-BMC NEUROL Bmc Neurology 1471-BMC NEUROSCI Bmc Neuroscience 1471-BONE MARROW TI Bone Marrow Transplantation 2268-BRAIN BEHAV EV Brain Behavior and Evolution 2278-BRAIN CANNTI Brain and Cognition 2278-BRAIN LANG Brain and Language 0093-BRAIN RES Bull Brain Research 0006-BRAIN RES Bull Brain Research Bulletin 3661-BRAIN STIMUL Brain Stimulation 1935-BREAST Breast 09660-BRIT J ANAESTH British Journal of Anaesthesia 0007-BRIT J CLIN PHARI British Journal of Clinical Pharmacology 306-BRIT J GEN PRACT British Journal of Nutrition 0007-BRIT J OPHTHALM British Journal of Popthalmology 0007-BRIT J PADIOL British Journal of Popthalmology 0007-BRIT J PADIOL British Journal of Pharmacology 0007-BRIT J PADIOL British Medical Bulletin 0007-CANCER GENE TH Cancer Gene Therapy 0029-CANCER J Cancer Journal 1528-CANC	7659 0328 4096 2407 22172 23350 8794 22288 822377 22022 23369 82626 82377 22022 23369 82626
CEPHALALGIA Cephalalgia 0333- CEREBELLUM Cerebellum 1473- CEREBROVASC DI Cerebrovascular Diseases 1015- CHEM BIOL DRUG Chemical Biology & Drug Design 1747- CHEM SENSES Chemical Senses 0379- CHEMMEDCHEM Chemmedchem 1860- CHIRALITY Chirality 0899-	-1024 医学 -4222 医学

C	LIMACTERIC	Climacteric	1369-7137 医学	
C	LIN BREAST CAN	Clinical Breast Cancer	1526-8209 医学	
\mathbb{C}	LIN CHEST MED	Clinics in Chest Medicine	0272-5231 医学	
\mathbb{C}	LIN CHIM ACTA	Clinica Chimica Acta	0009-8981 医学	
C	LIN COLORECTA	Clinical Colorectal Cancer	1533-0028 医学	
C	LIN DERMATOL	Clinics in Dermatology	0738-081 医学	
C	LIN DEV IMMUN	Clinical & Developmental Immunology	1740-2522 医学	
		Clinical Endocrinology	0300-0664 医学	
		Clinical and Experimental Immunology	0009-9104 医学	
		Clinical & Experimental Metastasis	0262-0898 医学	
		Clinical and Experimental Rheumatology	0392-856 医学	
	LIN GENET		0009-9163 医学	
		Clinical Implant Dentistry and Related Research	1523-0899 医学	
	LIN J PAIN	Clinical Journal of Pain	0749-8047 医学	
		Clinical Neuropharmacology	0362-5664 医学	
		Clinical Neurophysiology	1388-2457 医学	
	LIN NUTR	Clinical Nutrition	0261-5614 医学	
	LIN ONCOL-UK		0936-6555 医学	
		Clinical Oral Implants Research	0905-7161 医学	
		Clinical Research in Cardiology	1861-0684 医学	
		Clinical Reviews in Allergy & Immunology	1080-0549 医学	
	LIN REV ALLERO		- •	
		Clinical Therapeutics	0149-2918 医学	
		Clinical and Vaccine Immunology	1556-6811 医学	
		Cns Neuroscience & Therapeutics	1755-5930 医学	
	NS SPECTRUMS	^	1092-8529 医学	
		Cognitive Affective & Behavioral Neuroscience	1530-7026 医学	
		Cognitive Neurodynamics	1871-4080 医学	
	COLORECTAL DIS		1462-8910 医学	
		Community Dentistry and Oral Epidemiology	0301-5661 医学	
		Comparative Biochemistry and Physiology C-Toxicolog		
	ONTACT DERMA		0105-1873 医学	
	ONTRACEPTION	^	0010-7824 医学	
		Contrast Media & Molecular Imaging	1555-4309 医学	
	ORTEX	Cortex	0010-9452 医学	
		Critical Reviews in Immunology	1040-8401 医学	
		Critical Reviews in Therapeutic Drug Carrier Systems	0743-4863 医学	
		Current Hiv Research	1570-162% 医学	
		Current Medical Research and Opinion	0300-7995 医学	
		Current Neurology and Neuroscience Reports	1528-4042 医学	
		Current Neurovascular Research	1567-2026 医学	
C	URR OPIN ALLER	Current Opinion in Allergy and Clinical Immunology	1528-4050 医学	
C	URR OPIN CARDI	Current Opinion in Cardiology	0268-4705 医学	
C	URR OPIN CRIT C	Current Opinion in Critical Care	1070-5295 医学	
\mathbb{C}	URR OPIN MOL T	Current Opinion in Molecular Therapeutics	1464-8431 医学	
\mathbb{C}	TURR OPIN OBSTE	Current Opinion in Obstetrics & Gynecology	1040-872% 医学	
C	URR OPIN OPHTH	Current Opinion in Ophthalmology	1040-8738 医学	
C	URR OPIN PEDIA	Current Opinion in Pediatrics	1040-8703 医学	
		Current Opinion in Psychiatry	0951-7367 医学	
		Current Opinion in Pulmonary Medicine	1070-5287 医学	
		Current Opinion in Urology	0963-0643 医学	
		Current Pharmaceutical Biotechnology	1389-2010 医学	

CYTOTHERAPY DEMENT GERIATR DEPRESS ANXIETY DERMATOLOGY DEV COMP IMMUN DEV MED CHILD N	Cytometry Part B-Clinical Cytometry Cytotherapy Dementia and Geriatric Cognitive Disorders Depression and Anxiety Dermatology Developmental and Comparative Immunology Developmental Medicine and Child Neurology	1043-4666 医 1552-4949 医 1465-3249 医 1420-8008 医 1091-4269 医 1018-8665 医 0145-305× 医 0012-1622 医	受学学学学学学学
	Developmental Neuropsychology Developmental Neuroscience	8756-5641 医 0378-5866 医	_ •
DIABETES-METAB	Diabetes Technology & Therapeutics Diabetes-Metabolism Research and Reviews	1520-9156 医 1520-7552 医	_ •
	Diagnostic Microbiology and Infectious Disease	0742-3071 医 0732-8893 医	5学
DIS COLON RECTU	Digestive and Liver Disease Diseases of the Colon & Rectum	1590-8658 医 0012-3706 医	三学
DRUG AGING		1754-8403 医1170-229》 医	5学
DRUG NEWS PERS	Drug Metabolism and Pharmacokinetics Drug News & Perspectives For and Hearing	1347-4367 医 0214-0934 医 0196-0202 医	三学
EJC SUPPL EJSO-EUR J SURG (Ear and Hearing Ejc Supplements Eiso	1359-6349 医 0748-7983 医	5学
ENDOCRIN METAE	Endocrinology and Metabolism Clinics of North America Epidemiology and Infection	-	5学
	Epilepsy & Behavior Epilepsy Research	1525-5050 医 0920-1211 医	5学
EUR J CARDIO-THO	European Archives of Psychiatry and Clinical Neuroscies European Journal of Cardio-Thoracic Surgery	1010-7940 医	E 学
EUR J CLIN INVEST	European Journal of Cardiovascular Prevention & Rehab European Journal of Clinical Investigation	0014-2972 医	E 学
EUR J CLIN NUTR	European Journal of Clinical Microbiology & Infectious European Journal of Clinical Nutrition	0954-3007 医	E 学
EUR J EPIDEMIOL	European Journal of Clinical Pharmacology European Journal of Epidemiology	0031-6970 医 0393-2990 医	三学
	European Journal of Haematology European Journal of Heart Failure European Journal of Neurology	0902-4441 医 1388-9842 医 1351-5101 医	· 三学
EUR J NUTR	European Journal of Nutrition European Journal of Pharmaceutics and Biopharmaceutics	1436-6207 医	E 学
EUR J PHARM SCI	European Journal of Pharmaceutical Sciences European Journal of Pharmacology	0928-0987 医 0014-2999 医	E学
	European Journal of Public Health European Journal of Radiology	1101-1262 医 0720-048X 医	5学
EUR J VASC ENDO EUR PSYCHIAT	European Journal of Vascular and Endovascular Surgery European Psychiatry	1078-5884 医 0924-9338 医	· 三学
	European Spine Journal European Urology Supplements	0940-6719 医 1569-9056 医	E学
EVID-BASED COM	Evaluation & the Health Professions Evidence-Based Complementary and Alternative Medici		5学
EXP BIOL MED	Experimental Biology and Medicine	1535-3702 医	字

EXP DERMATOL	Experimental Brain Research Experimental and Clinical Psychopharmacology Experimental Dermatology Experimental Diabetes Research Experimental Eye Research Experimental Gerontology Experimental Hematology	0014-4819 医学 1064-1297 医学 0906-6705 医学 1687-5214 医学 0014-4835 医学 0531-5565 医学 0301-472x 医学
EXP MOL MED EXP PHYSIOL EXPERT OPIN BIO EXPERT OPIN DRU	Experimental Termatology Experimental and Molecular Medicine Experimental Physiology I Expert Opinion On Biological Therapy J Expert Opinion On Drug Delivery J Expert Opinion On Drug Metabolism & Toxicology	1226-3613 医学 0958-0670 医学 1471-2598 医学 1742-5247 医学 1742-5255 医学
EXPERT OPIN DRUEXPERT OPIN EME EXPERT REV ANT EXPERT REV ANT	Expert Opinion On Drug Safety Expert Opinion On Emerging Drugs I Expert Review of Anticancer Therapy I Expert Review of Anti-Infective Therapy (Expert Review of Vaccines	1474-0338 医学 1474-0338 医学 1472-8214 医学 1473-7140 医学 1478-7210 医学 1476-0584 医学
EYE FAM CANCER FOODBORNE PATE	Eye Familial Cancer Foodborne Pathogens and Disease Frontiers of Hormone Research Fundamental & Clinical Pharmacology	1470-0384 医子 0950-222 X 医学 1389-9600 医学 1535-3141 医学 0301-3073 医学 0767-3981 医学
GAIT POSTURE GASTRIC CANCER GASTROENTEROL GEN COMP ENDO	Gait & Posture	0966-6362 医学 1436-3291 医学 0889-8553 医学 0016-6480 医学 0163-8343 医学
GENET EPIDEMIO GYNECOL ONCOL HAEMOPHILIA	I Genetic Epidemiology Gynecologic Oncology Haemophilia Head and Neck-Journal For the Sciences and Specialties	0741-0395 医学 0090-8258 医学 1351-8216 医学
HEALTH AFFAIR HEALTH PSYCHOI HEALTH QUAL LII	Health Affairs Health Psychology Health and Quality of Life Outcomes Health Services Research	0278-2715 医学 0278-6133 医学 1477-7525 医学 0017-9124 医学 0378-5955 医学
HELICOBACTER HEMATOL ONCOL HIV MED	Helicobacter Hematological Oncology Hiv Medicine Hormone and Metabolic Research	1083-4389 医学 0278-0232 医学 1464-2662 医学 0018-5043 医学 0198-8859 医学
HUM PATHOL HUM PSYCHOPHA HYPERTENS RES IEEE T NEUR SYS IMMUNOBIOLOGY IMMUNOGENETIC IMMUNOL ALLER	Human Pathology Human Psychopharmacology-Clinical and Experimental Hypertension Research Heee Transactions On Neural Systems and Rehabilitation Immunobiology Immunogenetics Immunology and Allergy Clinics of North America	0046-8177 医学 0885-6222 医学 0916-9636 医学 1534-4320 医学 0171-2985 医学 0093-7711 医学 0889-8561 医学
IMMUNOL LETT IMMUNOL RES	Immunology Letters Immunologic Research	0165-2478 医学 0257-277X 医学

IMPLEMENT SCI Implementation Science	1748-5908 医学
INFECT CONT HOS Infection Control and Hospital Epidemiology	0899-823》 医学
INFECT DIS CLIN Ninfectious Disease Clinics of North America	0891-5520 医学
INFECT GENET EV Infection Genetics and Evolution	1567-1348 医学
INHAL TOXICOL Inhalation Toxicology	0895-8378 医学
INT ARCH ALLERC International Archives of Allergy and Immunology	1018-2438 医学
INT CLIN PSYCHOl International Clinical Psychopharmacology	0268-1315 医学
INT ENDOD J International Endodontic Journal	0143-2885 医学
INT IMMUNOL International Immunology	0953-8178 医学
INT IMMUNOPHAR International Immunopharmacology	1567-5769 医学
INT J ANTIMICROE International Journal of Antimicrobial Agents	0924-8579 医学
INT J BEHAV NUTF International Journal of Behavioral Nutrition and Physic	a 1479-5868 医学
INT J CARDIOL International Journal of Cardiology	0167-5273 医学
INT J DEV NEUROS International Journal of Developmental Neuroscience	0736-5748 医学
INT J EAT DISORDI International Journal of Eating Disorders	0276-3478 医学
INT J EXP PATHOL International Journal of Experimental Pathology	0959-9673 医学
INT J GERIATR PS\International Journal of Geriatric Psychiatry	0885-6230 医学
INT J HYG ENVIR I International Journal of Hygiene and Environmental He	
INT J HYPERTHER International Journal of Hyperthermia	0265-6736 医学
INT J IMPOT RES International Journal of Impotence Research	0955-9930 医学
INT J INFECT DIS International Journal of Infectious Diseases	1201-9712 医学
INT J LEGAL MED International Journal of Legal Medicine	0937-9827 医学
INT J MED INFORM International Journal of Medical Informatics	1386-5056 医学
INT J MED MICROF International Journal of Medical Microbiology	1438-4221 医学
INT J METH PSYCH International Journal of Methods in Psychiatric Research	
INT J NURS STUD International Journal of Nursing Studies	0020-7489 医学
INT J ONCOL International Journal of Oncology	1019-6439 医学
INT J PEDIATR OBI International Journal of Pediatric Obesity	1747-7166 医学
INT J PHARMACEU International Journal of Pharmaceutics	0378-5173 医学
INT J PSYCHOPHY: International Journal of Psychophysiology	0167-8760 医学
INT J STROKE International Journal of Stroke	1747-4930 医学
INT J TUBERC LUN International Journal of Tuberculosis and Lung Disease	1027-3719 医学
INT PSYCHOGERIA International Psychogeriatrics	1041-6102 医学
INT REV NEUROBI International Review of Neurobiology	0074-7742 医学
INT UROGYNECOL International Urogynecology Journal	0937-3462 医学
INTERN EMERG M Internal and Emergency Medicine	1828-0447 医学
INVEST NEW DRU(Investigational New Drugs	0167-6997 医学
J ADOLESCENT HE Journal of Adolescent Health	1054-139% 医学
J AM COLL NUTR Journal of the American College of Nutrition	0731-5724 医学
J AM DIET ASSOC Journal of the American Dietetic Association	0002-8223 医学
J AM SOC ECHOCA Journal of the American Society of Echocardiography	0894-7317 医学
J ANAT Journal of Anatomy	0021-8782 医学
J ANDROL Journal of Andrology	0196-3635 医学
J ATHEROSCLER T Journal of Atherosclerosis and Thrombosis	1340-3478 医学
J BIOL REG HOME(Journal of Biological Regulators and Homeostatic Agen	- •
J BIOMED INFORM Journal of Biomedical Informatics	1532-0464 医学
J BIOMED OPT Journal of Biomedical Optics	1083-3668 医学
J BONE JOINT SUR Journal of Bone and Joint Surgery-American Volume	0021-9355 医学
	- •
J BONE JOINT SUR Journal of Bone and Joint Surgery-British Volume	0301-620X 医学
J CANCER RES CLI Journal of Cancer Research and Clinical Oncology	0171-5216 医学
J CARD FAIL Journal of Cardiac Failure	1071-9164 医学

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J CARDIOVASC Ma Journal of Cardiovascular Magnetic Resonance	1097-6647 医学
J CARDIOVASC PH Journal of Cardiovascular Pharmacology	0160-2446 医学
J CATARACT REFR Journal of Cataract and Refractive Surgery	0886-3350 医学
J CHEM NEUROAN Journal of Chemical Neuroanatomy	0891-0618 医学
J CHILD ADOL PSY Journal of Child and Adolescent Psychopharmacology	1044-5463 医学
J CHROMATOGR B Journal of Chromatography B-Analytical Technologies is	ɪ 1570-0232 医学
J CLIN EPIDEMIOL Journal of Clinical Epidemiology	0895-4356 医学
J CLIN GASTROEN Journal of Clinical Gastroenterology	0192-0790 医学
J CLIN IMMUNOL Journal of Clinical Immunology	0271-9142 医学
J CLIN PATHOL Journal of Clinical Pathology	0021-9746 医学
J CLIN PERIODON Journal of Clinical Periodontology	0303-6979 医学
J CLIN PHARMACC Journal of Clinical Pharmacology	0091-2700 医学
J CLIN VIROL Journal of Clinical Virology	1386-6532 医学
J DENT RES Journal of Dental Research	0022-0345 医学
J DERMATOL SCI Journal of Dermatological Science	0923-1811 医学
J DEV BEHAV PED Journal of Developmental and Behavioral Pediatrics	0196-206% 医学
J DRUG TARGET Journal of Drug Targeting	1061-186% 医学
J ENDOCRINOL Journal of Endocrinology	0022-0795 医学
J ENDODONT Journal of Endodontics	0099-2399 医学
J ENDOTOXIN RES Journal of Endotoxin Research	0968-0519 医学
J ENDOVASC THEF Journal of Endovascular Therapy	1526-6028 医学
J EPIDEMIOL COM Journal of Epidemiology and Community Health	0143-005% 医学
J ETHNOPHARMA(Journal of Ethnopharmacology	0378-8741 医学
A	— •
J EUR ACAD DERM Journal of the European Academy of Dermatology and V	
J EXP PSYCHOL HI Journal of Experimental Psychology-Human Perception	
J EXP PSYCHOL LE Journal of Experimental Psychology-Learning Memory	
J EXPO SCI ENV EF Journal of Exposure Science and Environmental Epidem	
J GASTROEN HEPA Journal of Gastroenterology and Hepatology	0815-9319 医学
J GASTROENTERO Journal of Gastroenterology	0944-1174 医学
J GASTROINTEST S Journal of Gastrointestinal Surgery	1091-255》医学
J GEN INTERN MEI Journal of General Internal Medicine	0884-8734 医学
J GEN VIROL Journal of General Virology	0022-1317 医学
J GENE MED Journal of Gene Medicine	1099-498》 医学
J GERONTOL A-BI(Journals of Gerontology Series A-Biological Sciences and	
J HEAD TRAUMA FJournal of Head Trauma Rehabilitation	0885-9701 医学
J HEART LUNG TR. Journal of Heart and Lung Transplantation	1053-2498 医学
J HOSP INFECT Journal of Hospital Infection	0195-6701 医学
J HOSP MED Journal of Hospital Medicine	1553-5592 医学
J HUM HYPERTEN: Journal of Human Hypertension	0950-9240 医学
J IMMUNOL METH Journal of Immunological Methods	0022-1759 医学
J INFECTION Journal of Infection	0163-4453 医学
J INHERIT METAB Journal of Inherited Metabolic Disease	0141-8955 医学
J INT NEUROPSYCl Journal of the International Neuropsychological Society	1355-6177 医学
J MAGN RESON IM Journal of Magnetic Resonance Imaging	1053-1807 医学
J MED MICROBIOL Journal of Medical Microbiology	0022-2615 医学
J MED VIROL Journal of Medical Virology	0146-6615 医学
J MEM LANG Journal of Memory and Language	0749-596% 医学
J MOL ENDOCRIN(Journal of Molecular Endocrinology	0952-5041 医学
J MOL NEUROSCI Journal of Molecular Neuroscience	0895-8696 医学
J NEURAL TRANSN Journal of Neural Transmission	0300-9564 医学
J NEURAL TRANSN Journal of Neural Transmission-Supplement	0303-6995 医学
J TEORIE TRANSITIONING OF FIGURE TRANSITIES OF Supplement	いいいっしノブン 広子

	Journal of Neuroendocrinology	0953-8194 医学
	Journal of Neuroimmune Pharmacology	1557-1890 医学
J NEUROIMMUNO	I Journal of Neuroimmunology	0165-5728 医学
J NEUROL	Journal of Neurology	0340-5354 医学
J NEUROL SCI	Journal of the Neurological Sciences	0022-510% 医学
J NEURO-ONCOL	Journal of Neuro-Oncology	0167-594% 医学
J NEUROPSYCH C	L Journal of Neuropsychiatry and Clinical Neurosciences	0895-0172 医学
J NEUROSCI METH	HJournal of Neuroscience Methods	0165-0270 医学
J NEUROSCI RES	Journal of Neuroscience Research	0360-4012 医学
J NEUROSURG	Journal of Neurosurgery	0022-3085 医学
J NEUROSURG AN	I Journal of Neurosurgical Anesthesiology	0898-4921 医学
J NUCL CARDIOL	Journal of Nuclear Cardiology	1071-3581 医学
J ORTHOP RES	Journal of Orthopaedic Research	0736-0266 医学
J PAIN SYMPTOM	l Journal of Pain and Symptom Management	0885-3924 医学
J PEDIATR GASTR	Journal of Pediatric Gastroenterology and Nutrition	0277-2116 医学
J PERIPHER NERV	Journal of the Peripheral Nervous System	1085-9489 医学
J PHARM SCI-US	Journal of Pharmaceutical Sciences	0022-3549 医学
J PHARMACEUT B	Journal of Pharmaceutical and Biomedical Analysis	0731-7085 医学
J PHARMACOL SC	I Journal of Pharmacological Sciences	1347-8613 医学
J PHYSIOL PHARM	Journal of Physiology and Pharmacology	0867-5910 医学
J PSYCHOPHYSIO	L Journal of Psychophysiology	0269-8803 医学
J PSYCHOSOM RE	S Journal of Psychosomatic Research	0022-3999 医学
	(Journal of Reproductive Immunology	0165-0378 医学
J SLEEP RES	Journal of Sleep Research	0962-1105 医学
J SPORT EXERCIS	E Journal of Sport & Exercise Psychology	0895-2779 医学
	Journal of Studies On Alcohol and Drugs	1937-1888 医学
J SURG ONCOL	Journal of Surgical Oncology	0022-4790 医学
J THORAC CARDIO	C Journal of Thoracic and Cardiovascular Surgery	0022-5223 医学
J THORAC ONCOL	Journal of Thoracic Oncology	1556-0864 医学
J TRANSL MED	Journal of Translational Medicine	1479-5876 医学
J TRAUMA	Journal of Trauma-Injury Infection and Critical Care	0022-5282 医学
J VASC RES	Journal of Vascular Research	1018-1172 医学
J VIRAL HEPATITI	SJournal of Viral Hepatitis	1352-0504 医学
J VISION	Journal of Vision	1534-7362 医学
JARO-J ASSOC RE	SJaro-Journal of the Association For Research in Otolaryr	1525-3961 医学
LASER SURG MED	Lasers in Surgery and Medicine	0196-8092 医学
LEUKEMIA RES	Leukemia Research	0145-2126 医学
LIFE SCI	Life Sciences	0024-3205 医学
LIVER INT	Liver International	1478-3223 医学
LUNG CANCER	Lung Cancer	0169-5002 医学
LUPUS	Lupus	0961-2033 医学
MAGN RESON ME	I Magnetic Resonance in Medicine	0740-3194 医学
MALARIA J	Malaria Journal	1475-2875 医学
MANUAL THER	Manual Therapy	1356-689》医学
MED CARE	Medical Care	0025-7079 医学
MED CARE RES RI	EMedical Care Research and Review	1077-5587 医学
MED CLIN N AM	Medical Clinics of North America	0025-7125 医学
MED DECIS MAKI	Medical Decision Making	0272-989% 医学
MED EDUC	Medical Education	0308-0110 医学
MED J AUSTRALIA	A Medical Journal of Australia	0025-729》 医学
MED MICROBIOL	I Medical Microbiology and Immunology	0300-8584 医学

PAIN MED	Pain Medicine	1526-2375 医学
PANCREAS	Pancreas	0885-3177 医学
PANCREATOLOG'	Y Pancreatology	1424-3903 医学
	V Parasite Immunology	0141-9838 医学
PARASITOLOGY		0031-1820 医学
	I Parkinsonism & Related Disorders	1353-8020 医学
		0031-3025 医学
PATHOLOGY		- •
	Pediatric Allergy and Immunology	0905-6157医学
	CPediatric Blood & Cancer	1545-5009 医学
	I Pediatric Critical Care Medicine	1529-7535 医学
PEDIATR DIABET		1399-543》 医学
	Pediatric Infectious Disease Journal	0891-3668 医学
PEDIATR NEPHRO	l Pediatric Nephrology	0931-041% 医学
PEDIATR RES	Pediatric Research	0031-3998 医学
PEPTIDES	Peptides	0196-9781 医学
PERIODONTOL 20	OPeriodontology 2000	0906-6713 医学
	(Pharmacoeconomics	1170-7690 医学
	Pharmacoepidemiology and Drug Safety	1053-8569 医学
	CPharmacology Biochemistry and Behavior	0091-3057 医学
	Pharmacological Reports	1734-1140 医学
		— •
	Pharmacological Research	1043-6618 医学
	E Pharmacopsychiatry	0176-3679 医学
PHARMACOTHER	A #	0277-0008 医学
	Physics in Medicine and Biology	0031-9155 医学
PHYS THER		0031-9023 医学
PHYSIOL BEHAV	Physiology & Behavior	0031-9384 医学
PHYTOMEDICINE	Phytomedicine	0944-7113 医学
PLACENTA	Placenta	0143-4004 医学
PLAST RECONSTR	Plastic and Reconstructive Surgery	0032-1052 医学
PLATELETS	Platelets	0953-7104 医学
PREV MED	Preventive Medicine	0091-7435 医学
	Progress in Brain Research	0079-6123 医学
	(Progress in Neuro-Psychopharmacology & Biological Ps	
PROSTATE	Prostate	0270-4137 医学
	' Psychiatric Genetics	0955-8829 医学
PSYCHIAT RES	Psychiatry Research	0165-1781 医学
	E Psychiatry Research-Neuroimaging	0925-4927 医学
PSYCHIAT SERV	2	1075-2730 医学
PSYCHIATRY	Psychiatry-Interpersonal and Biological Processes	0033-2747 医学
PSYCHO-ONCOLO		1057-9249 医学
PUBLIC HEALTH 1	NPublic Health Nutrition	1368-9800 医学
PULM PHARMACO	Pulmonary Pharmacology & Therapeutics	1094-5539 医学
PURINERG SIGNA	I Purinergic Signalling	1573-9538 医学
Q J NUCL MED MO	Quarterly Journal of Nuclear Medicine and Molecular In	1824-4661 医学
QJM-INT J MED	Qjm-An International Journal of Medicine	1460-2725 医学
QSAR COMB SCI	Osar & Combinatorial Science	1611-020》 医学
QUAL LIFE RES	Quality of Life Research	0962-9343 医学
	I Quality & Safety in Health Care	1475-3898 医学
RADIAT ONCOL	Radiation Oncology	****-**** 医学
RADIAT ONCOL RADIAT RES	Radiation Research	0033-7587 医学
		- •
RADIOGRAPHICS	Radiographics	0271-5333 医学

REPROD BIOMED (Reproductive Biomedicine Online REPROD SCI Reproductive Sciences 1933-71 RESP MED Respiratory Medicine 0954-61 RESP PHYSIOL NEI Respiratory Physiology & Neurobiology 1569-90 RESTOR NEUROL 1 Restorative Neurology and Neuroscience 0922-60 RESUSCITATION Resuscitation 3000-95 RETINA-1 RET VIT Retina-The Journal of Retinal and Vitreous Diseases RETINA-1 RET VIT Retina-The Journal of Retinal and Vitreous Diseases REV SEP CARDIOL Reviews in the Neurosciences 0334-17 RHEUM DIS CLIN 1 Retunatic Disease Clinics of North America 0889-85 SCAND J MED SCI Scandinavian Journal of Medicine & Science in Sports SCAND J MED SCI Scandinavian Journal of Medicine & Science in Sports SCAND J WORK EN Scandinavian Journal of Work Environment & Health SEMIN DIALYSIS Seminars in Dialysis 0894-09 SEMIN FETAL NEC Seminars in Fetal & Neonatal Medicine 1744-16 SEMIN HEMATOL Seminars in Hematology 0371-19 SEMIN NEPHROL Seminars in Nephrology 0270-92 SEMIN NEPHROL Seminars in Nephrology 0270-92 SEMIN NEPHROL Seminars in Perinatology 0270-92 SEMIN REPROD MI Seminars in Respiratory and Critical Care Medicine 1526-80 SEMIN RESP CRIT (Seminars in Respiratory and Critical Care Medicine 1609-34 SEX TRANSM DIS Sexually Transmitted Diseases 148-57 SEX TRANSM INFE Sexually Transmitted Diseases 148-57 SEX TRANSM DIS Sexually Transmitted Diseases 148-57 SEX TRANSM INFE Sexually Transmitted Diseases 148-57 SEX TRANSM DIS Sex	327 348 1911 148 19 19 19 19 19 19 19 19 19 19 19 19 19
THYROIDThyroid1050-72TISSUE ANTIGENS Tissue Antigens0001-28TISSUE ENG REGE Tissue Engineering and Regenerative Medicine1738-26TOXICOL IN VITR(Toxicology in Vitro0887-23TOXICOL LETTToxicology Letters0378-42TOXICOLOGYToxicology0300-48	256 医学

TRANSFUS MED RI Transfusion Medicine Reviews	0887-7963 医学
TRANSFUSION Transfusion	0041-1132 医学
TRANSPL IMMUN(Transplant Immunology	0966-3274 医学
TRANSPL INFECT Transplant Infectious Disease	1398-2273 医学
TRANSPL INT Transplant International	0934-0874 医学
TROP MED INT HE Tropical Medicine & International Health	1360-2276 医学
TUBERCULOSIS Tuberculosis	1472-9792 医学
TUMOR BIOL Tumor Biology	1010-4283 医学
ULTRASCHALL MI Ultraschall in Der Medizin	0172-4614 医学
ULTRASOUND ME Ultrasound in Medicine and Biology	0301-5629 医学
ULTRASOUND OB! Ultrasound in Obstetrics & Gynecology	0960-7692 医学
UROL ONCOL-SEMUrologic Oncology-Seminars and Original Investigation	
UROLOGY Urology	0090-4295 医学
VALUE HEALTH Value in Health	1098-3015 医学
VASC PHARMACO Vascular Pharmacology	1537-1891 医学
VECTOR-BORNE Z Vector-Borne and Zoonotic Diseases	1530-3667 医学
	- •
VIRCHOWS ARCH Virchows Archiv-An International Journal of Pathology VIROL J Virology Journal	- •
$\mathcal{C}_{\mathcal{I}}$	1743-422 医学
VIRUS RES Virus Research	0168-1702 医学
VISION RES Vision Research	0042-6989 医学
VITAM HORM Vitamins and Hormones-Advances in Research and App	
VOX SANG Vox Sanguinis	0042-9007 医学
WORLD J GASTRO: World Journal of Gastroenterology	1007-9327 医学
WORLD J SURG World Journal of Surgery	0364-2313 医学
WORLD J UROL World Journal of Urology	0724-4983 医学
WOUND REPAIR R Wound Repair and Regeneration	1067-1927 医学
XENOBIOTICA Xenobiotica	0049-8254 医学
XENOTRANSPLAN Xenotransplantation	0908-665% 医学
AAPS PHARMSCIT Aaps Pharmscitech	1530-9932 医学
ABDOM IMAGING Abdominal Imaging	0942-8925 医学
ACAD RADIOL Academic Radiology	1076-6332 医学
ACSMS HEALTH Fl Acsms Health & Fitness Journal	1091-5397 医学
ACTA ANAESTH S(Acta Anaesthesiologica Scandinavica	0001-5172 医学
ACTA BIOETH Acta Bioethica	0717-5906 医学
ACTA BIOQUIM CI Acta Bioquimica Clinica Latinoamericana	0325-2957 医学
ACTA CARDIOL Acta Cardiologica	0001-5385 医学
ACTA CARDIOL SI Acta Cardiologica Sinica	1011-6842 医学
ACTA CHIR BELG Acta Chirurgica Belgica	0001-5458 医学
ACTA CHIR ORTH(Acta Chirurgiae Orthopaedicae Et Traumatologiae Cech	- •
ACTA CIR BRAS Acta Cirurgica Brasileira	0102-8650 医学
ACTA CLIN BELG Acta Clinica Belgica	0001-5512 医学
ACTA CLIN CROAl Acta Clinica Croatica	0353-9466 医学
ACTA DERMATOV Acta Dermatovenerologica Croatica	1330-027》 医学
ACTA DIABETOL Acta Diabetologica	0940-5429 医学
ACTA ENDOCRINC Acta Endocrinologica-Bucharest	1841-0987 医学
ACTA ENDOSC Acta Endoscopica	0240-642% 医学
ACTA GASTRO-EN Acta Gastro-Enterologica Belgica	0001-5644 医学
ACTA HAEMATOL Acta Haematologica	0001-5792 医学
ACTA MED OKAY! Acta Medica Okayama	0386-300% 医学
ACTA MEDICA ME Acta Medica Mediterranea	0393-6384 医学
ACTA NEUROBIOL Acta Neurobiologiae Experimentalis	0065-1400 医学

ACTA NEUROCHIR Acta Neurochirurgica	0001-6268 医学
ACTA NEUROL BE Acta Neurologica Belgica	0300-9009 医学
ACTA NEUROPSYC Acta Neuropsychiatrica	0924-2708 医学
ACTA OBSTET GYl Acta Obstetricia Et Gynecologica Scandinavica	0001-6349 医学
ACTA ODONTOL S Acta Odontologica Scandinavica	0001-6357 医学
ACTA ORTHOP Acta Orthopaedica	1745-3674 医学
ACTA ORTHOP BEl Acta Orthopaedica Belgica	0001-6462 医学
ACTA OTO-LARYN Acta Oto-Laryngologica	0001-6489 医学
ACTA PAEDIATR Acta Paediatrica	0803-5253 医学
ACTA PARASITOL Acta Parasitologica	1230-2821 医学
ACTA PHARMACO Acta Pharmacologica Sinica	1671-4083 医学
ACTA PHYSIOL HL Acta Physiologica Hungarica	0231-424》 医学
ACTA POL PHARM Acta Poloniae Pharmaceutica	0001-6837 医学
ACTA RADIOL Acta Radiologica	0284-1851 医学
ACTA REUMATOL Acta Reumatologica Portuguesa	0303-464》 医学
ACTA TROP Acta Tropica	0001-7062 医学
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ACTAS ESP PSIQUI Actas Espanolas De Psiquiatria	1139-9287 医学
ACUPUNCTURE EL Acupuncture & Electro-Therapeutics Research	0360-1293 医学
ADAPT PHYS ACT Adapted Physical Activity Quarterly	0736-5829 医学
ADDICT BEHAV Addictive Behaviors	0306-4603 医学
ADV CHRONIC KIL Advances in Chronic Kidney Disease	1548-5595 医学
ADV CLIN EXP ME Advances in Clinical and Experimental Medicine	1230-025% 医学
ADV EXP MED BIO Advances in Experimental Medicine and Biology	0065-2598 医学
ADV HEALTH SCI Advances in Health Sciences Education	1382-4996 医学
ADV MED SCI-POL Advances in Medical Sciences	1896-1126 医学
ADV NURS SCI Advances in Nursing Science	0161-9268 医学
ADV PHYSIOL EDI Advances in Physiology Education	1043-4046 医学
ADV THER Advances in Therapy	0741-238% 医学
AESTHET PLAST S' Aesthetic Plastic Surgery	0364-216% 医学
AFR J PHARM PHA African Journal of Pharmacy and Pharmacology	1996-0816 医学
AFR J TRADIT CON African Journal of Traditional Complementary and Alter	n 0189-6016 医学
AGGRESSIVE BEH. Aggressive Behavior	0096-140% 医学
AGING CLIN EXP RAging Clinical and Experimental Research	1594-0667 医学
AGING MENT HEA Aging & Mental Health	1360-7863 医学
AIDS READ Aids Reader	1053-0894 医学
AIDS RES HUM RE' Aids Research and Human Retroviruses	0889-2229 医学
AJAR-AFR J AIDS F Ajar-African Journal of Aids Research	1608-5906 医学
AKTUEL NEUROL Aktuelle Neurologie	0302-4350 医学
AKTUEL RHEUMA Aktuelle Rheumatologie	0341-051》医学
AKTUEL UROL Aktuelle Urologie	0001-7868 医学
ALLERGOL IMMUl Allergologia Et Immunopathologia	0301-0546 医学
ALLERGOLOGIE Allergologie	0344-5062 医学
	1088-5412 医学
ALLERGY ASTHM, Allergy and Asthma Proceedings	
ALLERGY CLIN IM Allergy & Clinical Immunology International-Journal of	
ALTEX-ALTERN TI Altex-Alternativen Zu Tierexperimenten	0946-7785 医学
AM FAM PHYSICIA American Family Physician	0002-838% 医学
AM J CARDIOVAS(American Journal of Cardiovascular Drugs	1175-3277 医学
AM J CHINESE MEl American Journal of Chinese Medicine	0192-415% 医学
AM J CLIN DERMA American Journal of Clinical Dermatology	1175-0561 医学
AM J CLIN ONCOL: American Journal of Clinical Oncology-Cancer Clinical	[0277-3732 医学

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ANN NUTR METAE Annals of Nutrition and Metabolism	0250-6807 医学
ANN OCCUP HYG Annals of Occupational Hygiene	0003-4878 医学
ANN OPHTHALMO Annals of Ophthalmology	1530-4086 医学
ANN OTO RHINOL Annals of Otology Rhinology and Laryngology	0003-4894 医学
ANN PATHOL Annales De Pathologie	0242-6498 医学
ANN PLAS SURG Annals of Plastic Surgery	0148-7043 医学
ANN ROY COLL St Annals of the Royal College of Surgeons of England	0035-8843 医学
ANN SAUDI MED Annals of Saudi Medicine	0256-4947 医学
ANN TRANSPL Annals of Transplantation	1425-9524 医学
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ANN TROP PAEDIA Annals of Tropical Paediatrics ANN UROL Annales D Urologie	0272-4936 医学0003-4401 医学
ANN UROL Annales D Urologie ANN VASC SURG Annals of Vascular Surgery	0890-5096 医学
ANNU REP MED CI Annual Reports in Medicinal Chemistry	0065-7743 医学
ANTICANCER RES Anticancer Research	0250-7005 医学
ANZ J SURG Anz Journal of Surgery	1445-1433 医学
APHASIOLOGY Aphasiology	0268-7038 医学
APMIS Apmis	0903-4641 医学
APPL IMMUNOHIS Applied Immunohistochemistry & Molecular Morpholog	— •
APPL NEUROPSYC Applied Neuropsychology	0908-4282 医学
APPL NURS RES Applied Nursing Research	0897-1897 医学
APPL PHYSIOL NU Applied Physiology Nutrition and Metabolism-Physiology	g 1715-5312 医学
ARCH ANDROLOG Archives of Andrology	0148-5016 医学
ARCH BRONCONE Archivos De Bronconeumologia	0300-2896 医学
ARCH CARDIOVAS Archives of Cardiovascular Diseases	1875-2136 医学
ARCH DERMATOL Archives of Dermatological Research	0340-3696 医学
ARCH DIS CHILDH Archives of Disease in Childhood-Education and Practic	- •
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ARCH GERONTOL Archives of Gerontology and Geriatrics ARCH GYNECOL O Archives of Gynecology and Obstetrics	0167-4943 医学 0932-0067 医学
ARCH IMMUNOL T Archivum Immunologiae Et Therapiae Experimentalis	0004-069》 医学
ARCH IRAN MED Archives of Iranian Medicine	1029-2977 医学
ARCH ITAL BIOL Archives Italiennes De Biologie	0003-9829 医学
ARCH LATINOAM Archivos Latinoamericanos De Nutricion	0004-0622 医学
ARCH MAL COEUR Archives Des Maladies Du Coeur Et Des Vaisseaux	0003-9683 医学
ARCH MAL PROF E Archives Des Maladies Professionnelles Et De L Enviro	~
ARCH MED RES Archives of Medical Research	0188-4409 医学
ARCH MED SCI Archives of Medical Science	1734-1922 医学
ARCH ORAL BIOL Archives of Oral Biology	0003-9969 医学
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ARCH PSYCHIAT N Archives of Psychiatric Nursing ARCH VIROL Archives of Virology	0883-9417 医学 0304-8608 医学
ARCH WOMEN ME Archives of Womens Mental Health	1434-1816 医学
ARQ BRAS CARDI (Arquivos Brasileiros De Cardiologia	0066-782》 医学
ARQ BRAS ENDOC Arquivos Brasileiros De Endocrinologia E Metabologia	0004-2730 医学
ARQ NEURO-PSIQI Arquivos De Neuro-Psiquiatria	0004-282》 医学

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BIOMED PHARMA(Biomedicine & Pharmacotherapy	0753-3322 医学
BIOMED RES-TOK'Biomedical Research-Tokyo BIOMED TECH Biomedizinische Technik	0388-6107 医学
	0013-5585 医学
BIOMEDICA Biomedica	0120-4157 医学
BIOMOL THER Biomolecules & Therapeutics	1976-9148 医学
BIOPHARM DRUG Biopharmaceutics & Drug Disposition	0142-2782 医学
BIOPHARM INT Biopharm International-The Applied Technologies of B	
BIORHEOLOGY Biorheology	0006-355% 医学
BIRTH DEFECTS RIBirth Defects Research Part B-Developmental and Repr	
BLOOD COAGUL F Blood Coagulation & Fibrinolysis	0957-5235 医学
BLOOD PRESS MO Blood Pressure Monitoring	1359-5237 医学
BLOOD PRESSURE Blood Pressure	0803-7051 医学
BLOOD PURIFICAT Blood Purification	0253-5068 医学
BMC FAM PRACT Bmc Family Practice	1471-2296 医学
BMC GASTROENTI Bmc Gastroenterology	1471-230% 医学
BMC HEALTH SER Bmc Health Services Research	1472-6963 医学
BMC MED INFORMBmc Medical Informatics and Decision Making	1472-6947 医学
BMC MUSCULOSK Bmc Musculoskeletal Disorders	1471-2474 医学
BMC PSYCHIATRY Bmc Psychiatry	1471-244% 医学
BMC PUBLIC HEAI Bmc Public Health	1471-2458 医学
BOSNIAN J BASIC Bosnian Journal of Basic Medical Sciences	1512-8601 医学
BRACHYTHERAPY Brachytherapy	1538-4721 医学
BRAIN DEV-JPN Brain & Development	0387-7604 医学
BRAIN IMAGING B Brain Imaging and Behavior	1931-7557 医学
BRAIN INJURY Brain Injury	0269-9052 医学
BRAIN TOPOGR Brain Topography	0896-0267 医学
BRAIN TUMOR PA' Brain Tumor Pathology	1433-7398 医学
BRATISL MED J Bratislava Medical Journal-Bratislavske Lekarske Listy	— •
BRAZ J INFECT DIS Brazilian Journal of Infectious Diseases	1413-8670 医学
BRAZ J MED BIOL Brazilian Journal of Medical and Biological Research	0100-879% 医学
BREAST CARE Breast Care	1661-3791 医学
BREAST J Breast Journal	1075-122% 医学
BRIT DENT J British Dental Journal	0007-0610 医学
BRIT J BIOMED SC British Journal of Biomedical Science	0967-4845 医学
BRIT J HOSP MED British Journal of Hospital Medicine	1750-8460 医学
BRIT J MATH STATBritish Journal of Mathematical & Statistical Psychology	gy 0007-1102 医学
BRIT J NEUROSUR British Journal of Neurosurgery	0268-8697 医学
BRIT J ORAL MAX British Journal of Oral & Maxillofacial Surgery	0266-4356 医学
BUNDESGESUNDH Bundesgesundheitsblatt-Gesundheitsforschung-Gesund	h (1436-9990 医学
BURNS Burns	0305-4179 医学
CAD SAUDE PUBLICadernos De Saude Publica	0102-311%医学
CAMB Q HEALTHC Cambridge Quarterly of Healthcare Ethics	0963-1801 医学
CAN ASSOC RADIC Canadian Association of Radiologists Journal-Journal I	De 0846-5371 医学
CAN FAM PHYSICI Canadian Family Physician	0008-350% 医学
CAN J ANAESTH Canadian Journal of Anaesthesia-Journal Canadien D A	n 0832-610X 医学
CAN J CARDIOL Canadian Journal of Cardiology	0828-2822 医学
CAN J DIET PRACT Canadian Journal of Dietetic Practice and Research	1486-3847 医学
CAN J GASTROEN1 Canadian Journal of Gastroenterology	0835-7900 医学
CAN J INFECT DIS Canadian Journal of Infectious Diseases & Medical Mid	cr 1712-9532 医学
CAN J NEUROL SC Canadian Journal of Neurological Sciences	0317-1671 医学
CAN J OPHTHALM Canadian Journal of Ophthalmology-Journal Canadien	D 0008-4182 医学

CAN J PHYSIOL PH Canadian Journal of Physiology and Pharmacology CAN J SURG Canadian Respiratory Journal 1198-224 医学 CAN RESPIR J Canadian Respiratory Journal 1198-224 医学 CAN RESPIR J Canadian Respiratory Journal 1198-224 医学 CANCER BIOTHER Cancer Biotherapy and Radiopharmaceuticals CANCER DETTCT I Cancer Detection and Prevention 361-090 医荣学 CANCER GENET C Cancer Detection and Prevention 375-790 [天学] CANCER GENET C Cancer Genetics and Cytogenetics 375-790 [天学] CANCER RIVEST Cancer Investigation 375-790 [天学] CANCER NURS Cancer Nursing 375-790 [天学] CANCER NURS Cancer Nursing 375-790 [天学] CANCER RADIOTH Cancer Radiotherapie 375-790 [天学] CARDIOL CLIN Cardiology Clinics 375-861 [天学] CARDIOL CLIN Cardiology Cinics 375-861 [天学] CARDIOL YOUNG Cardiology in the Young 375-861 [天学] CARDIOLOGY Cardiology in the Young 376-861 [天学] CARDIOLASC INTICardiovascultar and Interventional Radiology 377-41-551 [天学] CARDIOVASC PAT Cardiovascultar and Interventional Radiology 378-865 [天学] CARDIOVASC PAT Cardiovascultar Pathology 378-865 [天学] CARDIOVASC PAT Cardiovascultar and Interventional Radiology 378-865 [天学] CHEM PHARM BUI Chemical & Pharmaccutical Bulletin 378-865 [天学] CHEM PHARM BUI Chemical & Pharmaccutical Bulletin 378-865 [天学] CHEM PHARM BUI Chemical & Pharmaccutical Bulletin 378-865 [天学] CHILD NEUROPSY Child Neuropsychology 378-156 [TYPE] CHILD NEUROPSY Ch	CAN I DIIVCIOI DII	C11111-D11	0000 4010	도 »
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CLIN EXP OTORHII Clinical and Experimental Otorhinolaryngology 1976-8710 医学	CLIN EXP OPTOM	Clinical and Experimental Optometry	0816-4622	医学
	CLIN EXP OTORHI	Clinical and Experimental Otorhinolaryngology	1976-8710	医学

CRIT CARE CLIN Critical CRIT CARE NURSE Critical CROAT MED J Croatial CTS-CLIN TRANSL CTS-CLIN	The Journal of Craniomandibular Practal Care Clinics I Care Nurse In Medical Journal Inical and Translational Science Canadian Urological Association Journal It Allergy and Asthma Reports It Computer-Aided Drug Design It Eye Research It Hypertension Reports It Medical Imaging Reviews It Neuropharmacology It Opinion in Organ Transplantation It Pharmaceutical Analysis	0749-0704 医学 0279-5442 医学 0353-9504 医学 1752-8054 医学 1911-6470 医学 1529-7322 医学 1573-4099 医学 0271-3683 医学 1522-6417 医学 1573-4056 医学 1570-159x 医学 1087-2418 医学 1573-4129 医学 0011-3840 医学 1574-3624 医学
CUTAN OCUL TOX Cutane CUTIS Cutis DAN MED BULL Danish DARU Daru-J	Medical Bulletin ournal of Faculty of Pharmacy Materials Journal	1540-7355 医子 1556-9527 医学 0011-4162 医学 0907-8916 医学 1560-8115 医学 0287-4547 医学 1600-4469 医学
DENTOMAXILLOF Dentor DERMATITIS Derma DERMATOL CLIN Derma DERMATOL SURG Derma DERMATOL THER Derma DEUT MED WOCHI Deutsc	maxillofacial Radiology titis tologic Clinics tologic Surgery tologic Therapy he Medizinische Wochenschrift	0250-832X 医学 1710-3568 医学 0733-8635 医学 1076-0512 医学 1396-0296 医学 0012-0472 医学
DEV WORLD BIOE Develor DIABETES EDUCA Diabet DIABETES METAB Diabet DIABETES RES CLIDiabet DIABETES STOFFV Diabet	es Educator es & Metabolism es Research and Clinical Practice es Stoffwechsel Und Herz	1940-5510 医学 1471-8731 医学 0145-7217 医学 1262-3636 医学 0168-8227 医学 1861-7603 医学
DIAGN MOL PATH Diagnor DIAGN PATHOL Diagnor DIALYSIS TRANSP Dialys	ostic Cytopathology ostic and Interventional Radiology ostic Molecular Pathology ostic Pathology is & Transplantation	1861-9002 医学 8755-1039 医学 1305-3825 医学 1052-9551 医学 1746-1596 医学 0090-2934 医学
DIGEST DIS SCI Digest DIGEST ENDOSC Digest DIGEST SURG Digest DIGESTION Digest DIS ESOPHAGUS Diseas DIS MANAG HEAL Diseas	ive Diseases ive Diseases and Sciences ive Endoscopy ive Surgery ion es of the Esophagus e Management & Health Outcomes e Management	0257-2753 医学 0163-2116 医学 0915-5635 医学 0253-4886 医学 0012-2823 医学 1120-8694 医学 1173-8790 医学 1093-507X 医学

DIS MARKERS	Disease Markers	0278-0240	E学
DISABIL REHABIL	Disability and Rehabilitation	0963-8288	产学
	Dissolution Technologies	1521-298》 月	
	Diving and Hyperbaric Medicine	1833-3516 B	_ •
	Dm Disease-A-Month	0011-5029	- •
	Documenta Ophthalmologica	0012-4486	
	Douleur Et Analgesie	1011-288X 9	_ •
DRUG CHEM TOXI	Drug and Chemical Toxicology	0148-0545	医学
DRUG DELIV	Drug Delivery	1071-7544	長学
DRUG DEV IND PH	Drug Development and Industrial Pharmacy	0363-9045	天学
	Drug Development Research	0272-4391 万	
DRUG FUTURE	Drugs of the Future	0377-8282	_ •
DRUG INF J	Drug Information Journal	0092-8615 5	
		-	
DRUG TODAY	Drugs of Today	1699-3993	_ •
DRUGS R&D	Drugs in R&D	1174-5886	_ •
DTSCH ARZTEBL 1	Deutsches Arzteblatt International	1866-0452	
DYSPHAGIA	Dysphagia	0179-051X 2	医学
EARLY HUM DEV	Early Human Development	0378-3782	長学
EARLY INTERV PS	Early Intervention in Psychiatry	1751-7885	F.学
	Eating and Weight Disorders-Studies On Anorexia Bulin		
	Echocardiography-A Journal of Cardiovascular Ultrasour		
	Ecology of Food and Nutrition	0367-0244	
		-	
	Economics & Human Biology	1570-677X 5	
	Educational and Psychological Measurement	0013-1644 5	
	Eklem Hastaliklari Ve Cerrahisi-Joint Diseases and Relat	-	
	Embo Molecular Medicine	1757-4676	
EMERG MED AUST	Emergency Medicine Australasia	1742-6731	医学
EMERG MED CLIN	Emergency Medicine Clinics of North America	0733-8627	医学
EMERG MED J	Emergency Medicine Journal	1472-0205 5	天学
ENCEPHALE	Encephale-Revue De Psychiatrie Clinique Biologique Et	-	
ENDOCR J	Endocrine Journal	0918-8959	
	Endocrine Pathology	1046-3976	_ •
ENDOCR RES	Endocrine Research	0743-5800	
ENDOCRINE	Endocrine	0969-711X 5	- •
ENDOCRINOLOGIS		1051-2144 💆	
	Endothelium-Journal of Endothelial Cell Research	1062-3329	
	Enfermedades Infecciosas Y Microbiologia Clinica	0213-005X 2	長学
ENT-EAR NOSE TH	I Ent-Ear Nose & Throat Journal	0145-5613	医学
ENVIRON RISQUE	Environnement Risques & Sante	1635-0421	医学
ENVIRON TOXICO	Environmental Toxicology and Pharmacology	1382-6689 💆	長学
	Epidemiologia & Prevenzione	1120-9763	F.学
EPILEPSIES	Epilepsies	1149-6576	
EPILEPTIC DISORI	^ ^	1294-9361	
	1 Ernahrungs-Umschau	0174-0008	
ETHIK MED	Ethik in Der Medizin		_ •
		0935-7335	
ETHNIC DIS	Ethnicity & Disease	1049-510X 2	
ETHNIC HEALTH	· ·	1355-7858	
	European Archives of Oto-Rhino-Laryngology	0937-4477	
	European Child & Adolescent Psychiatry	1018-8827	
	European Heart Journal Supplements	1520-765X 5	医学
	European Journal of Anaesthesiology	0265-0215	医学

	I(European Journal of Applied Physiology	1439-6319 医学
	A European Journal of Cancer Care	0961-5423 医学
	AlEuropean Journal of Cancer Prevention	0959-8278 医学
	F European Journal of Contraception and Reproductive He	
	C European Journal of Dental Education	1396-5883 医学
	European Journal of Dermatology	1167-1122 医学
	A European Journal of Drug Metabolism and Pharmacokine	
	ol European Journal of Echocardiography	1525-2167 医学
	European Journal of Emergency Medicine	0969-9546 医学
	lEuropean Journal of Gastroenterology & Hepatology	0954-691》医学
	European Journal of Gynaecological Oncology	0392-2936 医学
	European Journal of Inflammation	1721-727》 医学
	I European Journal of Internal Medicine	0953-6205 医学
	Γ European Journal of Medical Genetics	1769-7212 医学
	European Journal of Medical Research	0949-2321 医学
	TEuropean Journal of Obstetrics Gynecology and Reprodu	
EUR J ONCOL		1128-6598 医学
	R European Journal of Oncology Nursing	1462-3889 医学
	I(European Journal of Ophthalmology	1120-6721 医学
	European Journal of Oral Sciences	0909-8836 医学
	V European Journal of Orthodontics	0141-5387 医学
	TEuropean Journal of Orthopaedic Surgery and Traumatol	
	NEuropean Journal of Paediatric Neurology	1090-3798 医学
	European Journal of Pediatrics	0340-6199 医学
	J European Journal of Pediatric Surgery	0939-7248 医学
	European Journal of Sport Science	1746-1391 医学
	NEuropean Journal of Trauma and Emergency Surgery	1863-9933 医学
EUR NEUROL	European Neurology	0014-3022 医学
	European Review of Aging and Physical Activity	1813-7253 医学
	European Review For Medical and Pharmacological Science	
EUR SURG	European Surgery-Acta Chirurgica Austriaca	1682-8631 医学
EUR SURG RES	European Surgical Research	0014-312% 医学
EUROPACE	Europace	1099-5129 医学
	Experimental Aging Research	0361-073% 医学
	RExperimental and Clinical Endocrinology & Diabetes	0947-7349 医学
	P. Experimental and Clinical Transplantation	1304-0855 医学
	Experimental Lung Research	0190-2148 医学
	Experimental and Molecular Pathology	0014-4800 医学
EXP PARASITOL	Experimental Parasitology	0014-4894 医学
	T Experimental and Toxicologic Pathology	0940-2993 医学
	UExpert Opinion On Drug Discovery	1746-0441 医学
	A Expert Opinion On Pharmacotherapy	1465-6566 医学
	E Expert Opinion On Therapeutic Patents	1354-3776 医学
EXPLORE-NY	Expert Review of Medical Devices Explore The Journal of Science and Healing	1743-4440 医学 1550-8307 医学
	Explore-The Journal of Science and Healing	0736-6825 医学
FAM MED	Family Medicine	0742-3225 医学
FAM PRACT	Family Medicine Family Practice	0263-2136 医学
FARMACIA	Farmacia	0014-8237 医学
		0928-8244 医学
	W. Fems Immunology and Medical Microbiology E Fetal Diagnosis and Therapy	1015-3837 医学
TETAL DIAGN IN	Er clar Diagnosis and Therapy	1013-303/ 医子

FEUILL RADIOL FITOTERAPIA	Fetal and Pediatric Pathology Feuillets De Radiologie Fitoterapia Folia Biologica-Krakow	1551-3815 医学 0181-9801 医学 0367-326 医学 0015-5497 医学
FOLIA BIOL-PRAG		0015-5500 医学
FOLIA NEUROPATI	Folia Neuropathologica	1641-4640 医学
FOLIA PARASIT		0015-5683 医学
	Food and Drug Law Journal	1064-590% 医学
	Foot & Ankle International	1071-1007 医学
	Forensic Science International	0379-0738 医学
FORMULARY		1082-801》医学
	Forschende Komplementarmedizin	1021-7096 医学
	Fortschritte Der Neurologie Psychiatrie	0720-4299 医学
	Frontiers in Human Neuroscience	1662-5161 医学
	Functional Neurology	0393-5264 医学
FUTURE VIROL		1746-0794 医学
	Gaceta Medica De Mexico Gaceta Sanitaria	0016-3813 医学0213-9111 医学
	Gastroenterologie Clinique Et Biologique	0399-8320 医学
	Gastroenterology Nursing	1042-895 医学
	Geburtshilfe Und Frauenheilkunde	0016-5751 医学
GEFASSCHIRURGI		0948-7034 医学
	Gematologiya I Transfuziologiya	0234-5730 医学
GENDER MED		1550-8579 医学
GENET COUNSEL		1015-8146 医学
	Genetic Testing	1090-6576 医学
GEOSPATIAL HEAI		1827-1987 医学
	Geriatrics & Gerontology International	1444-1586 医学
GERIATR NURS		0197-4572 医学
GERIATRICS	Geriatrics	0016-867》医学
GERODONTOLOGY	Gerodontology	0734-0664 医学
GERONTOLOGY		0304-324》 医学
GINECOL OBSTET	Ginecologia Y Obstetricia Clinica	1695-3827 医学
	Graefes Archive For Clinical and Experimental Ophthalr	
	Growth Hormone & Igf Research	1096-6374 医学
	Gut and Liver	1976-2283 医学
	Gynecological Endocrinology	0951-3590 医学
	Gynecologie Obstetrique & Fertilite	1297-9589 医学
	Gynecologic and Obstetric Investigation	0378-7346 医学
	Hand Clinics	0749-0712 医学
	Handchirurgie Mikrochirurgie Plastische Chirurgie	0722-1819 医学
	Hastings Center Report Hautarzt	0093-0334 医学
	Health Care Financing Review	0017-8470 医学 0195-8631 医学
HEALTH ECON		1057-9230 医学
HEALTH EXPECT		1369-6513 医学
	Health Information Management Journal	1833-3583 医学
	Health Physics	0017-9078 医学
HEALTH POLICY		0168-8510 医学
	Health Policy and Planning	0268-1080 医学
	Healthmed	1840-2291 医学
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HEART LUNG	Heart & Lung	0147-9563 医	学
HEART SURG FOR	Heart Surgery Forum	1098-3511 医:	学
HEART VESSELS	Heart and Vessels	0910-8327 医	学
HELL I NUCL MET	Hellenic Journal of Nuclear Medicine	1790-5427 医:	-
	Hematology-Oncology Clinics of North America	0889-8588 医:	-
HEMATOLOGY			
	Hematology	1024-5332 医	•
HEMOGLOBIN	Hemoglobin	0363-0269 医	-
HEPAT MON	Hepatitis Monthly	1735-143》 医	-
HEPATOB PANCR	E Hepatobiliary & Pancreatic Diseases International	1499-3872 医	学
HEPATO-GASTRO	F Hepato-Gastroenterology	0172-6390 医:	学
HEPATOL INT	Hepatology International	1936-0533 医	学
HEPATOL RES	Hepatology Research	1386-6346 医	•
	Hereditary Cancer in Clinical Practice	1731-2302 医	
HERZ	Herz	0340-9937 医:	
		-	-
	(High Altitude Medicine & Biology	1527-0297 医:	•
HIP INT	Hip International	1120-7000 医	-
HIV CLIN TRIALS	Hiv Clinical Trials	1528-4336 医	学
HNO	Hno	0017-6192 医	学
HOMEOPATHY	Homeopathy	1475-4916 医	学
HONG KONG J OC	(Hong Kong Journal of Occupational Therapy	1569-1861 医	学
HORM RES	Hormone Research	0301-0163 医:	•
	Human & Experimental Toxicology	0960-3271 医:	•
	Human Movement Science	0167-9457 医:	
		-	-
	Hybridoma	1554-0014 医:	-
	6 Hypertension in Pregnancy	1064-1955 医	•
IDRUGS	Idrugs	1369-7056 医	•
	I Immuno-Analyse & Biologie Specialisee	0923-2532 医	•
	Γ Immunological Investigations	0882-0139 医	-
IMMUNOPHARM I	I Immunopharmacology and Immunotoxicology	0892-3973 医	学
IMMUNOTHERAP	Y Immunotherapy	1750-743》 医	学
IMPLANT DENT	Implant Dentistry	1056-6163 医:	学
IN VIVO	In Vivo	0258-851) 医	学
IND HEALTH	Industrial Health	0019-8366 医	
	Γ Indian Journal of Dermatology Venereology & Leprolog		
	S Indian Journal of Medical Research	0971-5916 医:	
	R Indian Journal of Pediatrics	0019-5456 医:	•
	EIndian Journal of Pediatrics EIndian Journal of Pharmaceutical Education and Research		•
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	A Indian Journal of Pharmacology	0253-7613 医:	•
INDIAN J VIROL	Indian Journal of Virology	0970-2822 医	
INDIAN PEDIATR		0019-6061 医	•
INFECT MED	Infections in Medicine	0749-6524 医	学
INFECTION	Infection	0300-8126 医	学
INFLAMM RES	Inflammation Research	1023-3830 医:	学
INFLAMMATION	Inflammation	0360-3997 医	学
INFLUENZA OTHE	Influenza and Other Respiratory Viruses	1750-2640 医:	-
	Informatics For Health & Social Care	1753-8157 医:	•
INJURY	Injury-International Journal of the Care of the Injured	0020-1383 医:	-
INJURY PREV	Injury Prevention	1353-8047 医:	-
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	Inquiry-The Journal of Health Care Organization Provision		
INT ANGIOL	International Angiology	0392-9590 医:	•
INT ARCH OCC EN	International Archives of Occupational and Environment	0340-0131 医:	学

INT HEART J INT J ARTIF ORGAL INT J AUDIOL INT J BIOL MARKE INT J CARDIOVAS INT J CIRCUMPOL INT J CLIN ONCOL INT J CLIN PHARM	International International International International International International	Heart Journal Journal Journal Journal Journal Journal Journal Journal	ournal of Artificial Organs of Audiology of Biological Markers of Cardiovascular Imaging of Circumpolar Health of Clinical Oncology of Clinical Pharmacology and Thera	— •
INT J DERMATOL	International International	Journal Journal	of Colorectal Disease of Dermatology	1368-5031 医学 0179-1958 医学 0011-9059 医学
INT J ENVIRON HE	International International	Journal Journal	On Disability and Human Developm of Environmental Health Research of Fertility & Sterility of Gerontology	
INT J GYNECOL OF	International International	Journal Journal	of Gynecological Cancer of Gynecology & Obstetrics of Gynecological Pathology of Health Services	1048-891》 医学 0020-7292 医学 0277-1691 医学 0020-7314 医学
INT J HEMATOL INT J IMMUNOGEN INT J LAB HEMAT(International International International	Journal Journal Journal	of Hematology of Immunogenetics of Laboratory Hematology	0925-5710 医学 1744-3121 医学 1751-5521 医学
INT J MED ROBOT INT J MOL MED	International International	Journal Journal	of Medicinal Mushrooms of Medical Robotics and Computer of Molecular Medicine of Nanomedicine	1521-9437 医学 1478-5951 医学 1107-3756 医学 1176-9114 医学
INT J NEUROSCI INT J OBSTET ANE INT J OCCUP ENV I	International International International	Journal Journal Journal	of Neuroscience of Obstetric Anesthesia of Occupational and Environmental	0020-7454 医学 0959-289% 医学 1077-3525 医学
INT J ORAL MAX S INT J OSTEOPATH	International International	Journal Journal	of Oral & Maxillofacial Implants of Oral and Maxillofacial Surgery of Osteopathic Medicine of Paediatric Dentistry	0882-2786 医学 0901-5027 医学 1746-0689 医学 0960-7439 医学
INT J PEDIATR OTO INT J PERIODONT I INT J PROSTHODO	International International International	Journal Journal Journal	of Pediatric Otorhinolaryngology of Periodontics & Restorative Denti of Prosthodontics	0165-5876 医学 0198-7569 医学 0893-2174 医学
INT J PSYCHIAT M INT J PUBLIC HEAI	International International	Journal Journal	of Psychiatry in Clinical Practice of Psychiatry in Medicine of Public Health For Quality in Health Care	1365-1501 医学 0091-2174 医学 1661-8556 医学 1353-4505 医学
INT J RADIAT BIOI INT J SPORT NUTR INT J SPORT PSYCI	International International International	Journal Journal Journal	of Radiation Biology of Sport Nutrition and Exercise Met of Sport Psychology	0955-3002 医学 1526-484% 医学 0047-0767 医学
INT J TECHNOL AS	International International International	Journal Journal Journal	of Std & Aids of Surgical Pathology of Technology Assessment in Healt	
INT J UROL	International	Journal	of Toxicology of Urology of Urological Nursing	1091-5818 医学 0919-8172 医学 1749-7701 医学

INT I VITAM NI IT	RInternational Journal For Vitamin and Nutrition Researc	h0300-9831 医学
INT MED J	International Medical Journal	1341-2051 医学
INT NURS REV	International Nursing Review	0020-8132 医学
INT ORTHOP	International Orthopaedics	0341-2695 医学
INT SPORTMED J		1528-3356 医学
INT SURG	International Surgery	0020-8868 医学
	C International Urology and Nephrology	0301-1623 医学
	TIntegrative Cancer Therapies	1534-7354 医学
	L Integrative Psychological and Behavioral Science	1932-4502 医学
INTERN MED J	Internal Medicine Journal	1444-0903 医学
INTERNAL MED	Internal Medicine	0918-2918 医学
INTERNIST	Internist	0020-9554 医学
INTERV NEUROR	A Interventional Neuroradiology	1123-9344 医学
INTERVIROLOGY		0300-5526 医学
IRAN J ALLERGY	A Iranian Journal of Allergy Asthma and Immunology	1735-1502 医学
IRAN J ARTHROP	O Iranian Journal of Arthropod-Borne Diseases	1735-7179 医学
IRAN J FERTIL ST	E Iranian Journal of Fertility & Sterility	1735-8094 医学
IRAN J PEDIATR	Iranian Journal of Pediatrics	2008-2142 医学
IRAN J PHARM RI	Effranian Journal of Pharmaceutical Research	1735-0328 医学
IRAN J PUBLIC HI	Ea Iranian Journal of Public Health	0304-4556 医学
IRAN J RADIAT R	E Iranian Journal of Radiation Research	1728-4554 医学
	Il Iranian Journal of Reproductive Medicine	1680-6433 医学
	E Iranian Red Crescent Medical Journal	1561-4395 医学
	Irish Journal of Medical Science	0021-1265 医学
	Sisokinetics and Exercise Science	0959-3020 医学
	Israel Medical Association Journal	1565-1088 医学
J AAPOS	Journal of Aapos	1091-8531 医学
J ADDICT MED	Journal of Addiction Medicine	1932-0620 医学
J ADDICT NURS	Journal of Addictions Nursing	1088-4602 医学
J ADHES DENT	Journal of Adhesive Dentistry	1461-5185 医学
J ADV NURS	Journal of Advanced Nursing	0309-2402 医学
J AEROSOL MED	Journal of Aerosol Medicine-Deposition Clearance and I	
	Pl Journal of Aerosol Medicine and Pulmonary Drug Deliv	
	Tournal of Aging and Physical Activity	1063-8652 医学 1075-5535 医学
	E Journal of Alternative and Complementary Medicine C Journal of the American Academy of Audiology	10/3-3335 医学 1050-0545 医学
	E Journal of the American Academy of Nurse Practitioners	- •
	IC Journal of the American Academy of Orthopaedic Surge	- •
	I Journal of the American Board of Family Medicine	1557-2625 医学
	C Journal of the American Dental Association	0002-8177 医学
	C Journal of the American Pharmacists Association	1544-3191 医学
	D Journal of the American Podiatric Medical Association	8750-7315 医学
	Journal of Analytical Toxicology	0146-4760 医学
J ANESTH	Journal of Anesthesia	0913-8668 医学
J ANTIBIOT	Journal of Antibiotics	0021-8820 医学
J AOAC INT	Journal of Aoac International	1060-3271 医学
J APPL BIOMECH	Journal of Applied Biomechanics	1065-8483 医学
	I Journal of Applied Clinical Medical Physics	1526-9914 医学
	Journal of Applied Oral Science	1678-7757 医学
J APPL SPORT PS	Y Journal of Applied Sport Psychology	1041-3200 医学
J APPL TOXICOL	Journal of Applied Toxicology	0260-437% 医学

J ARTHROPLASTY Journal of Arthroplasty J ARTIF ORGANS Journal of Artificial Organs J ASIAN NAT PROI Journal of Asian Natural Products Research J ASSIST REPROD (Journal of Assisted Reproduction and Genetics J ASSOC NURSE AI Janac-Journal of the Association of Nurses in Aids Care J ASTHMA Journal of Asthma J ATHL TRAINING Journal of Athletic Training J AUST TRADIT-MI Journal of the Australian Traditional-Medicine Society J BACK MUSCULO Journal of Back and Musculoskeletal Rehabilitation J BIOETHIC INQ Journal of Biomedical Inquiry J BIOMED NANOTI Journal of Biomedical Nanotechnology J BIOMED SCI Journal of Biomedical Science J BIOPHARM STAT Journal of Biopharmaceutical Statistics J BONE MINER ME Journal of Bone and Mineral Metabolism J BREAST CANC Journal of Breast Cancer J BUON Journal of Buon J BURN CARE RES Journal of Burn Care & Research J CAN DENT ASSO(Journal of the Canadian Dental Association J CANCER EDUC Journal of Cardiothoracic Surgery J CARDIOPULM RE Journal of Cardiothoracic and Vascular Anesthesia J CARDIOTHOR V Journal of Cardiothoracic Surgery J CARDIOTHORAC Urnal of Cardiothoracic Surgery J CARDIOVASC ME Journal of Cardiovascular Medicine	第3-5403 医 1434-7229 医 1028-6020 医 1058-0468 医 医 医 1055-3290 医 1062-6050 医 1326-3390 医 1053-8127 医 1053-8127 医 1053-8127 医 1054-3406 医 医 医 医 医 医 医 医 医 医 医 医 医 医
J CARDIOVASC ME Journal of Cardiovascular Medicine J CARDIOVASC NU Journal of Cardiovascular Nursing	1558-202/ 医字 0889-4655 医学
J CARDIOVASC PH Journal of Cardiovascular Pharmacology and Therapeuti	(1074-2484 医学
J CARDIOVASC SU Journal of Cardiovascular Surgery J CHEMOTHERAPY Journal of Chemotherapy	0021-9509 医学 1120-009 X 医学
J CHILD NEUROL Journal of Child Neurology	0883-0738 医学
J CHIR-PARIS Journal De Chirurgie	0021-7697 医学
J CLIN ANESTH Journal of Clinical Anesthesia	0952-8180 医学
J CLIN APHERESIS Journal of Clinical Apheresis	0733-2459 医学
J CLIN BIOCHEM N Journal of Clinical Biochemistry and Nutrition	0912-0009 医学
J CLIN DENSITOM Journal of Clinical Densitometry	1094-6950 医学
J CLIN EXP NEURC Journal of Clinical and Experimental Neuropsychology	1380-3395 医学
J CLIN LAB ANAL Journal of Clinical Laboratory Analysis	0887-8013 医学
J CLIN LIPIDOL Journal of Clinical Lipidology	1933-2874 医学
J CLIN NEUROL Journal of Clinical Neurology	1738-6586 医学
J CLIN NEUROPHY Journal of Clinical Neurophysiology	0736-0258 医学
J CLIN NEUROSCI Journal of Clinical Neuroscience	0967-5868 医学
J CLIN NURS Journal of Clinical Nursing	0962-1067 医学
J CLIN PHARM THI Journal of Clinical Pharmacy and Therapeutics	0269-4727 医学
J CLIN ULTRASOU Journal of Clinical Ultrasound	0091-2751 医学
J COMMUN HEALT Journal of Community Health Nursing	0737-0016 医学
J COMPLEMENT M Journal of Complementary Medicine	1446-8263 医学
J COMPUT ASSIST Journal of Computer Assisted Tomography	0363-8715 医学
J CRANIO MAXILL Journal of Cranio-Maxillofacial Surgery	1010-5182 医学
J CRANIOFAC SUR Journal of Craniofacial Surgery	1049-2275 医学
J CRIT CARE Journal of Critical Care	0883-9441 医学
J CROHNS COLITIS Journal of Crohns & Colitis	1873-9946 医学
J CUTAN MED SUR Journal of Cutaneous Medicine and Surgery	1203-4754 医学

I CLITAN DATILOL Journal of Cutanoous Pathology	0202 6097 医坐
J CUTAN PATHOL Journal of Cutaneous Pathology	0303-6987 医学
J CYST FIBROS Journal of Cystic Fibrosis	1569-1993 医学
J DENT Journal of Dentistry J DENT EDUC Journal of Dental Education	0300-5712 医学
	0022-0337 医学
	1991-7902 医学
J DERMATOL Journal of Dermatology	0385-2407 医学
J DERMATOL TRE/Journal of Dermatological Treatment	0954-6634 医学
J DIABETES COMP Journal of Diabetes and Its Complications	1056-8727 医学
J DIGEST DIS Journal of Digestive Diseases	1751-2972 医学
J DIGIT IMAGING Journal of Digital Imaging	0897-1889 医学
J DRUG DELIV SCI Journal of Drug Delivery Science and Technology	1773-2247 医学
J DTSCH DERMAT(Journal Der Deutschen Dermatologischen Gesellsch	
J ECT Journal of Ect	1095-0680 医学
J ELECTROCARDIC Journal of Electrocardiology	0022-0736 医学
J ELECTROMYOGR Journal of Electromyography and Kinesiology	1050-6411 医学
J EMERG MED Journal of Emergency Medicine	0736-4679 医学
J EMERG NURS Journal of Emergency Nursing	0099-1767 医学
J EMPIR RES HUM Journal of Empirical Research On Human Research	
J ENDOCRINOL IN Journal of Endocrinological Investigation	0391-4097 医学
J ENDOUROL Journal of Endourology	0892-7790 医学
J ENVIRON PATHO Journal of Environmental Pathology Toxicology and	
J ENZYM INHIB MI Journal of Enzyme Inhibition and Medicinal Chemi	
J EPIDEMIOL Journal of Epidemiology	0917-5040 医学
J ESTHET RESTOR Journal of Esthetic and Restorative Dentistry	1496-4155 医学
J EVAL CLIN PRAC Journal of Evaluation in Clinical Practice	1356-1294 医学
J EXERC SCI FIT Journal of Exercise Science & Fitness	1728-869》医学
J EXP ANAL BEHA Journal of the Experimental Analysis of Behavior	0022-5002 医学
J EXP CLIN CANC I Journal of Experimental & Clinical Cancer Research	
J FAM NURS Journal of Family Nursing	1074-8407 医学
J FAM PRACTICE Journal of Family Practice	0094-3509 医学
J FOOD DRUG ANAJournal of Food and Drug Analysis	1021-9498 医学
J FORENSIC SCI Journal of Forensic Sciences	0022-1198 医学
J FORMOS MED AS Journal of the Formosan Medical Association	0929-6646 医学
J FR OPHTALMOL Journal Français D Ophtalmologie	0181-5512 医学
J GASTROINTEST I Journal of Gastrointestinal and Liver Diseases	1841-8724 医学
J GENET PSYCHOL Journal of Genetic Psychology	0022-1325 医学
J GERIATR PSYCH Journal of Geriatric Psychiatry and Neurology	0891-9887 医学
J GERONTOL B-PS' Journals of Gerontology Series B-Psychological Sc	•
J GERONTOL NUR! Journal of Gerontological Nursing	0098-9134 医学
J GLAUCOMA Journal of Glaucoma	1057-0829 医学
J HAND SURG-AM Journal of Hand Surgery-American Volume	0363-5023 医学
J HAND SURG-EUR Journal of Hand Surgery-European Volume	1753-1934 医学
J HAND THER Journal of Hand Therapy	0894-1130 医学
J HEADACHE PAIN Journal of Headache and Pain	1129-2369 医学
J HEALTH ECON Journal of Health Economics	0167-6296 医学
J HEALTH POLIT P(Journal of Health Politics Policy and Law	0361-6878 医学
J HEALTH POPUL Nournal of Health Population and Nutrition	1606-0997 医学
J HEALTH SCI Journal of Health Science	1344-9702 医学
J HEART VALVE D'Journal of Heart Valve Disease	0966-8519 医学
J HEMATOL ONCO Journal of Hematology & Oncology	1756-8722 医学
J HEPATO-BILIAR\Journal of Hepato-Biliary-Pancreatic Surgery	0944-1166 医学

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J HUAZHONG U SC Journal of Huazhong University of Science and Technolc 1672-0733 医学
                                                                 1640-5544 医学
                                                                 0890-3344 医学
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                                                                 0219-6352 医学
                                                                 1079-9907 医学
                                                                 1383-875) 医学
J INVEST ALLERG Journal of Investigational Allergology & Clinical Immun 1018-9068 医学
J INVEST DERM SYJournal of Investigative Dermatology Symposium Procee 1087-0024 医学
                                                                 1081-5589 医学
                                                                 0894-1939 医学
                                                                 1011-8934 医学
                                                                 2005-3711 医学
J LABELLED COMF Journal of Labelled Compounds & Radiopharmaceuticals 0362-4803 医学
J LAPAROENDOSC Journal of Laparoendoscopic & Advanced Surgical Tech 1092-6429 医学
                                                                 0022-2151 医学
                                                                 1073-1105 医学
                                                                 0398-0499 医学
                                                                 1083-4087 医学
J MANIP PHYSIOL Journal of Manipulative and Physiological Therapeutics 0161-4754 医学
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                                                                 0022-2496 医学
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		of Neurovirology	1355-0284 医学	
		of Nursing Administration	0002-0443 医学	
		of Nursing Care Quality	1057-3631 医学	
		of Nursing Education	0148-4834 医学	
		of Nursing Scholarship	1527-6546 医学	
		of Nutrition Education and Behavior	1499-4046 医学	
		of Nutrition Health & Aging	1279-7707 医学	
		of Nutritional Science and Vitaminology	0301-4800 医学	
		of Obstetrics and Gynaecology	0144-3615 医学	
		of Obstetrics and Gynaecology Research	1341-8076 医学	
		of Occupational and Environmental Medicine	1076-2752 医学	
		of Occupational Health	1341-9145 医学	
		of Ocular Pharmacology and Therapeutics	1080-7683 医学	
		of Oral and Maxillofacial Surgery	0278-2391 医学	
		of Oral Pathology & Medicine	0904-2512 医学	
		of Oral Rehabilitation	0305-182% 医学	
		of Orofacial Orthopedics-Fortschritte Der Kiefer		
J OROFAC PAIN			1064-6655 医学	
		of Orthopaedic Science	0949-2658 医学	
		of Orthopaedic & Sports Physical Therapy	0190-6011 医学	
		of Orthopaedic Trauma	0890-5339 医学	
		of Otolaryngology-Head & Neck Surgery	1916-0216 医学	
J PAEDIATR CHILD	Journal o	of Paediatrics and Child Health	1034-4810 医学	
J PALLIAT CARE	Journal o	of Palliative Care	0825-8597 医学	
J PALLIAT MED	Journal o	of Palliative Medicine	1096-6218 医学	
J PARASITOL	Journal o	of Parasitology	0022-3395 医学	
J PEDIAT HEMATO	Journal o	of Pediatric Hematology Oncology	1077-4114 医学	
J PEDIAT OPHTH S	Journal o	of Pediatric Ophthalmology & Strabismus	0191-3913 医学	
J PEDIAT-BRAZIL	Jornal D	e Pediatria	0021-7557 医学	
J PEDIATR ADOL C	Journal o	of Pediatric and Adolescent Gynecology	1083-3188 医学	
J PEDIATR ENDOC	Journal o	of Pediatric Endocrinology & Metabolism	0334-018》 医学	
J PEDIATR ONCOL	Journal o	of Pediatric Oncology Nursing	1043-4542 医学	
J PEDIATR ORTHO	Journal o	of Pediatric Orthopaedics-Part B	1060-152% 医学	
J PEDIATR ORTHO	Journal o	of Pediatric Orthopaedics	0271-6798 医学	
J PEDIATR SURG			0022-3468 医学	
J PERINAT MED	Journal o	of Perinatal Medicine	0300-5577 医学	
J PERINAT NEONA	Journal o	of Perinatal & Neonatal Nursing	0893-2190 医学	
J PERINATOL	Journal o	of Perinatology	0743-8346 医学	
		of Periodontal Research	0022-3484 医学	
J PERIODONTOL	Journal o	of Periodontology	0022-3492 医学	
		of Pharmacy and Pharmaceutical Sciences	1482-1826 医学	
		of Pharmacy and Pharmacology	0022-3573 医学	
		of Pharmacokinetics and Pharmacodynamics	1567-567》 医学	
		of Physical Therapy Science	0915-5287 医学	
J PHYSIOL SCI		of Physiological Sciences	1880-6546 医学	
		of Physiology-Paris	0928-4257 医学	
		of Plastic Reconstructive and Aesthetic Surgery	1748-6815 医学	
		of Postgraduate Medicine	0022-3859 医学	
J PROF NURS		of Professional Nursing	8755-7223 医学	
		of Prosthetic Dentistry	0022-3913 医学	
		of Psychiatric and Mental Health Nursing	1351-0126 医学	
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J PSYCHOSOC NUF Journal of Psychosocial Nursing and Mental Health Serv J PSYCHOSOM OB! Journal of Psychosomatic Obstetrics and Gynecology	60279-3695 医学 0167-482X 医学
J PUBLIC HEALTH Journal of Public Health Dentistry	0022-4006 医学
J PUBLIC HEALTH Journal of Public Health Policy	0197-5897 医学
J PUBLIC HEALTH-Journal of Public Health	1741-3842 医学
J RADIAT RES Journal of Radiation Research	0449-3060 医学
J RADIOL Journal De Radiologie	0221-0363 医学
J RECONSTR MICR Journal of Reconstructive Microsurgery	0743-684》 医学
J REFRACT SURG Journal of Refractive Surgery	1081-597》 医学
J REHABIL MED Journal of Rehabilitation Medicine	1650-1977 医学
J REHABIL RES DE Journal of Rehabilitation Research and Development	0748-7711 医学
J RENAL NUTR Journal of Renal Nutrition	1051-2276 医学
J RENIN-ANGIO-AI Journal of the Renin-Angiotensin-Aldosterone System	1470-3203 医学
J REPROD MED Journal of Reproductive Medicine	0024-7758 医学
J ROY SOC MED Journal of the Royal Society of Medicine	0141-0768 医学
J RURAL HEALTH Journal of Rural Health	0890-765% 医学
J SCHOOL HEALTH Journal of School Health	0022-4391 医学
J SCI MED SPORT Journal of Science and Medicine in Sport	1440-2440 医学
J SHOULDER ELB SJournal of Shoulder and Elbow Surgery	1058-2746 医学
J SPEC PEDIATR N Journal For Specialists in Pediatric Nursing J SPINAL CORD M Journal of Spinal Cord Medicine	1539-0136 医学 1079-0268 医学
J SPINAL CORD MI Journal of Spinal Cord Medicine J SPINAL DISORD Journal of Spinal Disorders & Techniques	1536-0652 医学
J SPORT MED PHY: Journal of Sports Medicine and Physical Fitness	0022-4707 医学
J SPORT REHABIL Journal of Sport Rehabilitation	1056-6716 医学
J SPORT SCI MED Journal of Sports Science and Medicine	1303-2968 医学
J SURG RES Journal of Surgical Research	0022-4804 医学
J TELEMED TELEC Journal of Telemedicine and Telecare	1357-633% 医学
J THORAC IMAG Journal of Thoracic Imaging	0883-5993 医学
J THROMB THROM Journal of Thrombosis and Thrombolysis	0929-5305 医学
J TRACE ELEM ME Journal of Trace Elements in Medicine and Biology	0946-672》 医学
J TRANSCULT NUF Journal of Transcultural Nursing	1043-6596 医学
J TRAVEL MED Journal of Travel Medicine	1195-1982 医学
J TROP PEDIATRIC Journal of Tropical Pediatrics	0142-6338 医学
J ULTRAS MED Journal of Ultrasound in Medicine	0278-4297 医学
J URBAN HEALTH Journal of Urban Health-Bulletin of the New York Acad	€1099-3460 医学
J VASC ACCESS Journal of Vascular Access	1129-7298 医学
J VASC INTERV RAJournal of Vascular and Interventional Radiology	1051-0443 医学
J VENOM ANIM TC Journal of Venomous Animals and Toxins Including Tro	
J VESTIBUL RES-E(Journal of Vestibular Research-Equilibrium & Orientation	
J VIROL METHODS Journal of Virological Methods	0166-0934 医学
J VOICE Journal of Voice	0892-1997 医学
J WOMENS HEALT Journal of Womens Health	1540-9996 医学
J WOUND OSTOMY Journal of Wound Ostomy and Continence Nursing	1071-5754 医学
JBR-BTR Jbr-Btr	1780-2393 医学
JCPSP-J COLL PHY Jcpsp-Journal of the College of Physicians and Surgeons	
JCR-J CLIN RHEUM Jcr-Journal of Clinical Rheumatology JOGNN-J OBST GYl Jognn-Journal of Obstetric Gynecologic and Neonatal N	1076-1608 医学
JOINT BONE SPINE Joint Bone Spine	1297-319》 医学
JPEN-PARENTER E Journal of Parenteral and Enteral Nutrition	0148-6071 医学
JPN J CLIN ONCOL Japanese Journal of Clinical Oncology	0368-2811 医学
JPN J INFECT DIS Japanese Journal of Infectious Diseases	1344-6304 医学
vii. v ii. i ii i i ii i ii i ii ii ii ii ii i	1011 0001 区子

JPN J NURS SCI	Japan Journal of Nursing Science	1742-7932 医学
JPN J OPHTHALM	C Japanese Journal of Ophthalmology	0021-5155 医学
	C Japanese Journal of Physical Fitness and Sports Medicin	— •
	I Kaohsiung Journal of Medical Sciences	1607-551》 医学
		- •
	R. Kardiochirurgia I Torakochirurgia Polska	1731-5530 医学
KARDIOL POL	Kardiologia Polska	0022-9032 医学
KARDIOLOGIYA	Kardiologiya	0022-9040 医学
KASMERA	Kasmera	0075-5222 医学
KIDNEY BLOOD P	F Kidney & Blood Pressure Research	1420-4096 医学
KLIN MONATSBL	Klinische Monatsblatter Fur Augenheilkunde	0023-2165 医学
KLIN NEUROPHYS	S Klinische Neurophysiologie	1434-0275 医学
KLIN PADIATR		0300-8630 医学
	A Klinik Psikofarmakoloji Bulteni-Bulletin of Clinical Psy	- •
KNEE	Knee	0968-0160 医学
		- •
	TKnee Surgery Sports Traumatology Arthroscopy	0942-2056 医学
	E Korean Journal of Laboratory Medicine	1598-6535 医学
	I Korean Journal of Pathology	1738-1843 医学
	L Korean Journal of Radiology	1229-6929 医学
LABMEDICINE	Labmedicine	0007-5027 医学
LANGENBECK AR	CLangenbecks Archives of Surgery	1435-2443 医学
LARYNGO RHINO	Laryngo-Rhino-Otologie	0935-8943 医学
LARYNGOSCOPE		0023-852》 医学
	Lasers in Medical Science	0268-8921 医学
	Latin American Journal of Pharmacy	0326-2383 医学
	Learning & Behavior	1543-4494 医学
LEPROSY REV	Leprosy Review	0305-7518 医学
	^ V	
	Letters in Drug Design & Discovery	1570-1808 医学
	F Leukemia & Lymphoma	1042-8194 医学
	R Logopedics Phoniatrics Vocology	1401-5439 医学
LUNG	Lung	0341-2040 医学
LYMPHOLOGY	Lymphology	0024-7766 医学
M S-MED SCI	M S-Medecine Sciences	0767-0974 医学
MAGN RESON IMA	A Magnetic Resonance Imaging	0730-725》 医学
MAGN RESON MA	Magnetic Resonance Materials in Physics Biology and M	
	Magnesium Research	0953-1424 医学
MAR DRUGS	Marine Drugs	1660-3397 医学
	Maternal and Child Nutrition	1740-8695 医学
MATURITAS	Maturitas	0378-5122 医学
	R Mcn-The American Journal of Maternal-Child Nursing	·
		0361-929% 医学
MECH SOLIDS+	Mechanics of Solids	0025-6544 医学
	OMedical & Biological Engineering & Computing	0140-0118 医学
MED CHEM	Medicinal Chemistry	1573-4064 医学
MED CHEM RES	Medicinal Chemistry Research	1054-2523 医学
MED CHIR PIED	Medecine Et Chirurgie Du Pied	0759-2280 医学
MED CLIN-BARCE	El Medicina Clinica	0025-7753 医学
MED DOSIM	Medical Dosimetry	0958-3947 医学
MED GLAS	Medicinski Glasnik	1840-0132 医学
MED HIST	Medical History	0025-7273 医学
	S Medical Hypotheses	0306-9877 医学
	E Medical Informatics and the Internet in Medicine	1463-9238 医学
MED KLIN	Medizinische Klinik	0723-5003 医学

MED LAV	Medicina Del Lavoro	0025-7818 医学
MED LETT DRUGS	S Medical Letter On Drugs and Therapeutics	0025-732% 医学
MED LITH	Medicina-Lithuania	1010-660% 医学
MED MALADIES I	Medecine Et Maladies Infectieuses	0399-077% 医学
MED MOL MORPH	I(Medical Molecular Morphology	1860-1480 医学
MED MYCOL	Medical Mycology	1369-3786 医学
MED ONCOL	Medical Oncology	1357-0560 医学
	Medical Principles and Practice	1011-7571 医学
	(Medical Problems of Performing Artists	0885-1158 医学
MED SCI LAW	Medicine Science and the Law	0025-8024 医学
	F Medical Science Monitor	1234-1010 医学
MED SPORT	Medicina Dello Sport	0025-7826 医学
MED SPORT	Medical Teacher	
		0142-159X医学
	Mediators of Inflammation	0962-9351 医学
	Medicina-Buenos Aires	0025-7680 医学
	L Mediterranean Journal of Otology	1305-5267 医学
	(Memorias Do Instituto Oswaldo Cruz	0074-0276 医学
	S Metabolic Brain Disease	0885-7490 医学
	I Methods and Findings in Experimental and Clinical Phar	
	Methods of Information in Medicine	0026-1270 医学
	E Microbial Drug Resistance-Mechanisms Epidemiology a	
	J Microbiology and Immunology	0385-5600 医学
	CMicroscopy Research and Technique	1059-910% 医学
MICROSURG		0738-1085 医学
MIDWIFERY		0266-6138 医学
	E Minerva Anestesiologica	0375-9393 医学
MINERVA CHIR		0026-4733 医学
MINERVA MED		0026-4806 医学
	UMinimally Invasive Neurosurgery	0946-7211 医学
	I Minimally Invasive Therapy & Allied Technologies	1364-5706 医学
	I Molecular Biotechnology	1073-6085 医学
	(Molecular & Cellular Toxicology	1738-642》 医学
MOL DIAGN THEF	R Molecular Diagnosis & Therapy	1177-1062 医学
MOL MED REP	Molecular Medicine Reports	1791-2997 医学
MONATSSCHR KI	NMonatsschrift Kinderheilkunde	0026-9298 医学
MOTOR CONTROL		1087-1640 医学
MT SINAI J MED	Mount Sinai Journal of Medicine	0027-2507 医学
MULTIDISCIP RES	I Multidisciplinary Respiratory Medicine	1828-695% 医学
MYCOSES	Mycoses	0933-7407 医学
NAT REV CARDIO	I Nature Reviews Cardiology	1759-5002 医学
NAT REV CLIN ON	Nature Reviews Clinical Oncology	1759-4774 医学
NAT REV ENDOCE	R Nature Reviews Endocrinology	1759-5029 医学
NAT REV GASTRO	Nature Reviews Gastroenterology & Hepatology	1759-5045 医学
NAT REV NEPHRO	2 Nature Reviews Nephrology	1759-5061 医学
NAT REV NEUROI	L Nature Reviews Neurology	1759-4758 医学
NAT REV RHEUM	A Nature Reviews Rheumatology	1759-4790 医学
NAT REV UROL	Nature Reviews Urology	1759-4812 医学
NATL MED J INDI	A National Medical Journal of India	0970-258》 医学
NEFROLOGIA	Nefrologia	0211-6995 医学
NEONATOLOGY	Neonatology	1661-7800 医学
NEOPLASMA	Neoplasma	0028-2685 医学

NEPHROL THER NEPHROLOGY NEPHRON CLIN PR Nephron Clinical Practice NEPHRON EXP NEI Nephron Experimental Nephrology NEPHRON PHYSIO Nephron Physiology NEPHRON PHYSIO Nephron Physiology NERVENARZT Nervenarzt NERVENHEILKUNI Nervenheilkunde NETH HEART J Netherlands Heart Journal NETH J MED Netherlands Journal of Medicine NEUROCASE NEUROCHEM J+ Neurochemical Journal NEUROCHIRURGIE Neurochirurgie NEUROCIRUGIA Neurocirugia NEUROCRIT CARE Neurocritical Care NEUROENDOCRIN Neuroendocrinology Letters NEUROIMAG CLIN Neuroimaging Clinics of North America NEUROL MED-CHI Neurologia Croatica NEUROL INDIA NEUROL GROATIC Neurologia Medico-Chirurgica NEUROL NEUROCINeurologia I Neurochirurgia Polska NEUROL PSYCHIA Neurology Psychiatry and Brain Research NEUROL SCI NEUROL SURG TO Neurological Sciences NEUROL SURG TO Neurological Sciences NEUROL OGIA NEUROLOGIA NEUROLOGIST NEUROLOG	1769-7255 医
NEUROPSYCHOL F Neuropsychological Rehabilitation	0960-2011 医学
NEUROREPORT Neuroreport	0959-4965 医学

	A Nurse Education Today	0260-6917 医学
NURS ETHICS	Nursing Ethics	0969-7330 医学
	I Nursing & Health Sciences	1441-0745 医学
NURS INQ	Nursing Inquiry	1320-7881 医学
NURS OUTLOOK		0029-6554 医学
NURS RES	Nursing Research	0029-6562 医学
	Nursing Science Quarterly	0894-3184 医学
	I Nutrition Clinique Et Metabolisme	0985-0562 医学
	I Nutrition in Clinical Practice	0884-5336 医学
NUTR DIET	Nutrition & Dietetics	1446-6368 医学
NUTR HOSP	Nutricion Hospitalaria	0212-1611 医学
NUTR NEUROSCI		1028-415》 医学
NUTR RES	Nutrition Research	0271-5317 医学
NUTR RES REV	Nutrition Research Reviews	0954-4224 医学
	a Obesity and Metabolism-Milan	1825-3865 医学
	R Obesity Research & Clinical Practice	1871-403》 医学
	NObstetrics and Gynecology Clinics of North America	0889-8545 医学
	Occupational Medicine-Oxford	0962-7480 医学
	Ocular Immunology and Inflammation	0927-3948 医学
ODONTOLOGY		1618-1247 医学
	Concology Nursing Forum	0190-535% 医学
ONCOL REP	Oncology Reports	1021-335》医学
ONCOL RES	Oncology Research	0965-0407 医学
ONCOLOGIE		1292-3818 医学
ONCOLOGY-BASE		0030-2414 医学
ONCOLOGY-NY		0890-9091 医学
ONKOLOGE	Onkologe	0947-8965 医学
ONKOLOGIE	Onkologie	0378-584》 医学
OPER DENT	Operative Dentistry	0361-7734 医学
	FOperative Techniques in Sports Medicine	1060-1872 医学
	I Ophthalmic Epidemiology	0928-6586 医学
	Ophthalmic and Physiological Optics	0275-5408 医学
	ROphthalmic Plastic and Reconstructive Surgery	0740-9303 医学
	Ophthalmic Research	0030-3747 医学
	Ophthalmic Surgery Lasers & Imaging	1542-8877 医学
	Ophthalmic Genetics	1381-6810 医学
OPHTHALMOLOG	·	0941-293% 医学
OPHTHALMOLOG	·	0030-3755 医学
	Optometry and Vision Science	1040-5488 医学
ORAL DIS	Oral Diseases	1354-523》医学
	Oral Microbiology and Immunology	0902-0055 医学
	L Oral Surgery Oral Medicine Oral Pathology Oral Radiol	
	- Orl-Journal For Oto-Rhino-Laryngology and Its Related	- •
	FOrthodontics & Craniofacial Research	1601-6335 医学
	Orthopedic Clinics of North America	0030-5898 医学
ORTHOP NURS	Orthopaedics & Traumatology Surgary & Passarch	0744-6020 医学
ORTHOP TRAUMA ORTHOPADE	Orthopaedics & Traumatology-Surgery & Research Orthopade	1877-0568 医学 0085-4530 医学
ORTHOPEDICS	Orthopade	0147-7447 医学
OSTEOLOGIE	Osteologie	1019-1291 医学
	Osteologie Ostomy Wound Management	0889-5899 医学
OSTOWIT WOUND	. Ostoniy would mailagonion	ののシージのグ医子

OTOL NEUROTOL	Otology & Neurotology	1531-7129	医学
OTOLARYNG CLIN	Otolaryngologic Clinics of North America	0030-6665	医学
OTOLARYNG HEA	Otolaryngology-Head and Neck Surgery	0194-5998	医学
PACE	Pace-Pacing and Clinical Electrophysiology	0147-8389	E 学
PAED CHILD HEAI	Paediatrics & Child Health	1205-7088	
PAEDIATR CROAT	Paediatria Croatica	1330-1403	
PAEDIATR PERINA	Paediatric and Perinatal Epidemiology	0269-5022	
	Paediatric Respiratory Reviews	1526-0542	
	R Pain Management Nursing	1524-9042	
	Pakistan Journal of Medical Sciences	1682-024X	
	Pakistan Journal of Pharmaceutical Sciences	1011-601	
PALLIATIVE MED		0269-2163	
PANMINERVA ME		0031-0808	
PARASITE	Parasite-Journal De La Societe Française De Parasitologi	-	
PARASITE VECTO		1756-3305	
	Parasitology International	1383-5769	
PARASITOL RES	Parasitology Research	0932-0113	
PATHOBIOLOGY	Pathobiology	1015-2008	
PATHOL BIOL	Pathologie Biologie	0369-8114	
	Pathology International	1320-5463	
		1219-4956	
	Pathology & Oncology Research	_	_ •
	Pathology Research and Practice	0344-0338	
PATHOLOGE	Pathologe	0172-8113	
	Patient Education and Counseling	0738-3991	
PEDIATR AND		1155-5645	
PEDIATR ANN		0090-4481	
	Pediatric Cardiology	0172-0643	
	Pediatric Clinics of North America	0031-3955	
	Pediatric Dermatology	0736-8046	
	Pediatric and Developmental Pathology	1093-5266	_ •
	Pediatric Emergency Care	0749-5161	
	Pediatric Exercise Science	0899-8493	
	Pediatric Hematology and Oncology	0888-0018	
PEDIATR INT	Pediatrics International	1328-8067	_ •
PEDIATR NEUROL		0887-8994	_ •
	Pediatric Neurosurgery	1016-2291	
	Pediatric Pulmonology	8755-6863	
PEDIATR RADIOL		0301-0449	
PEDIATR REV	Pediatrics in Review	0191-9601	_ •
	Pediatric Surgery International	0179-0358	
	Pediatric Transplantation	1397-3142	
PELVI-PERINEOLO		1778-3712	
	Perception & Psychophysics	0031-5117	
PERCEPTION	Perception	0301-0066	
PERFUSION-UK	Perfusion-Uk	0267-6591	
	Peritoneal Dialysis International	0896-8608	
PERS MED	Personalized Medicine	1741-0541	医学
	Perspectives in Biology and Medicine	0031-5982	
PERSPECT PSYCHI	Perspectives in Psychiatric Care	0031-5990	医学
PHARM BIOL	Pharmaceutical Biology	1388-0209	
PHARM DEV TECH	Pharmaceutical Development and Technology	1083-7450	医学

PHARMACOLOGY PHARMAZIE PHLEBOLOGIE PHLEBOLOGY PHOTODERMATO PHOTOMED LASE PHYS MED REHAE PHYS THER SPORT PHYSIOL RES PHYSIOTHERAPY PHYTOTHER RES PITUITARY PLANTA MED POPUL HEALTH ME	Pharmazie Phlebologie Phlebology I Photodermatology Photoimmunology & Photomedicine I Photomedicine and Laser Surgery Physikalische Medizin Rehabilitationsmedizin Kurortme I Physical Therapy in Sport Physiological Research Physiotherapy Phytotherapy Phytotherapy Research Pituitary Planta Medica I Population Health Management	1549-5418 医学 (0940-6689 医学 1466-853) 医学 0862-8408 医学 0031-9406 医学 0951-418) 医学 1386-341) 医学 0032-0943 医学 1942-7891 医学
POSTEP DERM AL POSTEP KARDIOL POSTGRAD MED POSTGRAD MED J PREHOSP EMERG PRENATAL DIAG PRESSE MED PRIMARY CARE PRIMARY CARE PROG EXP TUMOF PROG NUTR PROG UROL PROSTAG LEUKO PROSTATE CANCE PROSTHET ORTHO PROTEOM CLIN A PRZ GASTROENTE PRZ MENOPAUZA	Postepy Dermatologii I Alergologii Postepy W Kardiologii Interwencyjnej Postgraduate Medicine Postgraduate Medical Journal (Prehospital Emergency Care Prenatal Diagnosis Presse Medicale Primary Care (Primary Care (Primary Care & Community Psychiatry R Progress in Experimental Tumor Research Progress in Nutrition Progres En Urologie I Prostaglandins Leukotrienes and Essential Fatty Acids E Prostate Cancer and Prostatic Diseases D Prosthetics and Orthotics International I Proteomics Clinical Applications E Przeglad Gastroenterologiczny I Przeglad Menopauzalny	1642-395X 医学 1734-9338 医
PSYCHIAT DANUE PSYCHIAT ENFAN PSYCHIATR POL PSYCHOGERIATR PSYCHOL GEZON PSYCHOL PSYCHO PSYCHOL SPORT I PSYCHO-ONCOLO PSYCHOPATHOLO PSYCHOPHARMA PSYCHOSOMATIO PUBLIC HEALTH PUBLIC HEALTH	I Psychogeriatrics E Psychologie & Gezondheid F Psychologie & Neuropsychiatrie Du Vieillissement D Psychology and Psychotherapy-Theory Research and Pra E Psychology of Sport and Exercise (Psycho-Oncologie) Psychopathology F Psychopharmakotherapie	1323-1316 医学 0353-5053 医学 0079-726 医学 0033-2674 医 医学 1346-3500 医 医 学 1760-1703 医 医 学 1476-0835 医 医 学 1469-0292 医 医 学 9254-4962 医 医 医 学 0944-6877 医 医 医 学 0033-3182 医 医 学 0033-3506 医 学 1662-4246 医 学 0737-1209

PUBLIC HEALTH R Public Health Reports	0033-3549 医学
Q J EXP PSYCHOL Quarterly Journal of Experimental Psychology	1747-0218 医学
QUINTESSENCE IN Quintessence International	0033-6572 医学
RADIOL CLIN N AN Radiologic Clinics of North America	0033-8389 医学
RADIOL MED Radiologia Medica	0033-8362 医学
RADIOLOGE Radiologe	0033-832% 医学
RECENT PAT ANTI Recent Patents On Anti-Cancer Drug Discovery	1574-8928 医学
RECHT PSYCHIATI Recht & Psychiatrie	0724-2247 医学
REGUL TOXICOL F Regulatory Toxicology and Pharmacology	0273-2300 医学
REHABIL NURS Rehabilitation Nursing	0278-4807 医学
RENAL FAILURE Renal Failure	0886-022% 医学
RES NURS HEALTI Research in Nursing & Health	0160-6891 医学
RESP CARE Respiratory Care	0020-1324 医学
RESPIRATION Respiration	0025-7931 医学
RESPIROLOGY Respirology	1323-7799 医学
REV ARGENT CLIN Revista Argentina De Clinica Psicologica	0327-6716 医学
REV ASSOC MED ERevista Da Associacao Medica Brasileira	0104-4230 医学
REV BRAS FISIOTE Revista Brasileira De Fisioterapia	1413-3555 医学
REV BRAS PSIQUIA Revista Brasileira De Psiquiatria	1516-4446 医学
REV CARDIOVASC Reviews in Cardiovascular Medicine	1530-6550 医学
REV CHIL INFECT(Revista Chilena De Infectologia	0716-1018 医学
REV CHIR ORTHOF Revue De Chirurgie Orthopedique Et Reparatrice De L	
REV CLIN ESP Revista Clinica Espanola	0014-2565 医学
REV ECUAT NEUR Revista Ecuatoriana De Neurologia	1019-8113 医学
REV EPIDEMIOL S. Revue D Epidemiologie Et De Sante Publique	0398-7620 医学0080-6234 医学
REV ESC ENFERM Revista Da Escola De Enfermagem Da Usp REV ESP ENFERM Revista Espanola De Enfermedades Digestivas	1130-0108 医学
REV ESP MED NUC Revista Espanola De Medicina Nuclear	0212-6982 医学
REV EST MED NOC REVIsta Española De Medicina Nuclear REV ESP QUIM Revista Española De Quimioterapia	0212-0982 医学
REV FR ALLERGOI Revue Française D Allergologie	1877-0320 医学
REV GASTROENTE Reviews in Gastroenterological Disorders	1533-001》 医学
REV INVEST CLIN Revista De Investigación Clinica	0034-8376 医学
REV LAT-AM ENFF Revista Latino-Americana De Enfermagem	0104-1169 医学
REV LATINOAM H Revista Latinoamericana De Hipertension	1856-4550 医学
REV MAL RESPIR Revue Des Maladies Respiratoires	0761-8425 医学
REV MED CHILE Revista Medica De Chile	0034-9887 医学
REV MED INTERNI Revue De Medecine Interne	0248-8663 医学
REV NEFROL DIAL Revista De Nefrologia Dialisis Y Trasplante	0326-3428 医学
REV NEUROL-FRA Revue Neurologique	0035-3787 医学
REV NEUROLOGIA Revista De Neurologia	0210-0010 医学
REV NUTR Revista De Nutricao-Brazilian Journal of Nutrition	1415-5273 医学
REV PNEUMOL CL Revue De Pneumologie Clinique	0761-8417 医学
REV ROM BIOET Revista Romana De Bioetica	1583-5170 医学
REV SOC BRAS ME Revista Da Sociedade Brasileira De Medicina Tropical	0037-8682 医学
REV STOMATOL C Revue De Stomatologie Et De Chirurgie Maxillo-Faciale	
RHEUMATOL INT Rheumatology International	0172-8172 医学
RHINOLOGY Rhinology	0300-0729 医学
RIV PSICHIATR Rivista Di Psichiatria	0035-6484 医学
ROFO-FORTSCHR I Rofo-Fortschritte Auf Dem Gebiet Der Rontgenstrahlen	- •
ROM J LEG MED Romanian Journal of Legal Medicine	1221-8618 医学
S AFR J HIV MED Southern African Journal of Hiv Medicine	1608-9693 医学

SAJOG-S AFR J OB! Sajog-South African Journal of Obstetrics and Gynaecolc 0038 SAJP-S AFR J PSYC South African Journal of Psychiatry 1608 SAMJ S AFR MED J Samj South African Medical Journal 0256 SANG THROMB VA Sang Thrombose Vaisseaux 0999 SAO PAULO MED J Sao Paulo Medical Journal 1516 SARCOIDOSIS VAS Sarcoidosis Vasculitis and Diffuse Lung Diseases 1126 SAUDI MED J Saudi Medical Journal 0379 SCAND CARDIOVA Scandinavian Cardiovascular Journal 140 SCAND J CLIN LAE Scandinavian Journal of Clinical & Laboratory Investigat 0036 SCAND J GASTROF Scandinavian Journal of Gastroenterology 0036 SCAND J IMMUNO Scandinavian Journal of Immunology 0306	8-9685 医学 6-9574 医 医 医 医 医 医 医 医 医 医 医 医 医 医 医 医 医 医 医
SCAND J PRIM HE/ Scandinavian Journal of Primary Health Care SCAND J PUBLIC H Scandinavian Journal of Public Health SCAND J SURG Scandinavian Journal of Surgery 145	1-3432 医学 3-4948 医学 7-4969 医学 6-5599 医学
SCHMERZSchmerz0937SCI JUSTICEScience & Justice1357SCOT MED JScottish Medical Journal0036	2-433% 医学 5-0306 医学 6-9330 医学 9-1311 医学
SEMIN CUTAN ME Seminars in Cutaneous Medicine and Surgery SEMIN DIAGN PAT Seminars in Diagnostic Pathology SEMIN MUSCULOS Seminars in Musculoskeletal Radiology 1089	5-5629 医学 0-2570 医学 9-7860 医学
SEMIN ULTRASOU Seminars in Ultrasound Ct and Mri SEMIN VASC SURC Seminars in Vascular Surgery 089: SEX HEALTH Sexual Health 144:	7-198X医学 7-2171医学 5-7967医学 8-5028医学
SKELETAL RADIOl Skeletal Radiology SKIN RES TECHNO Skin Research and Technology 0364	4-5605 医学 4-2348 医学 9-752X 医学 1-5010 医学
SLEEP BIOL RHYT Sleep and Biological Rhythms SLEEP BREATH Sleep and Breathing SOC PSYCH PSYCF Social Psychiatry and Psychiatric Epidemiology 0933	6-9235 医学 0-9512 医学 3-7954 医学
SOUTH MED JSouthern Medical Journal003SPATIAL VISIONSpatial Vision016SPEKTRUM AUGEI Spektrum Der Augenheilkunde093	9-0220 医学 8-4348 医学 9-1015 医学 0-4282 医学
SPORT BIOMECHSports Biomechanics1476SPORT PSYCHOLSport Psychologist0888SPORTS MED ARTI Sports Medicine and Arthroscopy Review1069	2-4393 医学 5-3141 医学 8-4781 医学 2-8592 医学 2-0555 医学
STAT MED Statistics in Medicine 027' STAT METHODS M Statistical Methods in Medical Research 096' STEREOT FUNCT N Stereotactic and Functional Neurosurgery 101 STRESS HEALTH Stress and Health 153'	2-0477 医学 7-6715 医学 2-2802 医学 1-6125 医学 2-3005 医学 2-6084 医学

SURG NEUROL SURG ONCOL CLIN	Surgical Clinics of North America Surgical Innovation Surgical Laparoscopy Endoscopy & Percutaneous Techn Surgical Neurology Surgical Oncology-Oxford Surgical Oncology Clinics of North America	0090-3019 医学 0960-7404 医学 1055-3207 医学
SURG TODAY	Surgical Practice Surgical and Radiologic Anatomy Surgery Today Surgeon-Journal of the Royal Colleges of Surgeons of Ed	1744-1625 医学 1279-8517 医学 0941-1291 医学 1479-666 医学
SWISS MED WKLY SYST BIOL REPRO	Swedish Dental Journal Swiss Medical Weekly Systems Biology in Reproductive Medicine Systematic Parasitology	0347-9994 医学 1424-7860 医学 1939-6368 医学 0165-5752 医学
TELEMED J E-HEA TERAPEVT ARKH	Teaching and Learning in Medicine Telemedicine Journal and E-Health Terapevticheskii Arkhiv	1776-2596 医学 1040-1334 医学 1530-5627 医学 0040-3660 医学
THER APHER DIAL THERAPIE THORAC CARDION	Texas Heart Institute Journal Therapeutic Apheresis and Dialysis Therapie Thoracic and Cardiovascular Surgeon	0730-2347 医学 1744-9979 医学 0040-5957 医学 0171-6425 医学
TOP STROKE REHATOXICOL IND HEA	Tohoku Journal of Experimental Medicine Topics in Stroke Rehabilitation Toxicology and Industrial Health	0040-8166 医学 0040-8727 医学 1074-9357 医学 0748-2337 医学
TOXICOL PATHOL TOXIN REV TRAK UNIV TIP FA	Toxicology Mechanisms and Methods Toxicologic Pathology Toxin Reviews Trakya Universitesi Tip Fakultesi Dergisi	1537-6524 医学 0192-6233 医学 1556-9543 医学 1301-3149 医学
TRANSFUS CLIN B TRANSFUS MED H TRANSFUSION ME	Transfusion and Apheresis Science Transfusion Clinique Et Biologique Transfusion Medicine and Hemotherapy Transfusion Medicine	1473-0502 医学 1246-7820 医学 1660-3796 医学 0958-7578 医学
TRANSL RES TRANSPL P TRIALS TROP BIOMED	Translational Research Transplantation Proceedings Trials Tropical Biomedicine	1931-5244 医学 0041-1345 医学 1745-6215 医学 0127-5720 医学
TUMORI TURK J GASTROEN	Tropical Doctor Tropical Journal of Pharmaceutical Research Tumori Turkish Journal of Gastroenterology Turkish Journal of Medical Sciences	0049-4755 医学 1596-5996 医学 0300-8916 医学 1300-4948 医学
TURK J RHEUMAT TURK KLIN TIP BII TURK NEUROSURO TURKISH J PEDIAT TWIN RES HUM GE	Turkish Journal of Medical Sciences Turkish Journal of Rheumatology-Turk Romatoloji Derg Turkiye Klinikleri Tip Bilimleri Dergisi Turkish Neurosurgery Turkish Journal of Pediatrics Twin Research and Human Genetics	1300-0292 医学 1019-5149 医学 0041-4301 医学 1832-4274 医学
ULTRASONIC IMA ULTRASONICS		0161-7346 医学 0041-624》 医学

THE TOTAL CONDITION DATES AND A LINE AND A L	0101 0100 FF W
ULTRASTRUCT PA Ultrastructural Pathology	0191-3123 医学
ULUS TRAVMA AC Ulusal Travma Ve Acil Cerrahi Dergisi-Turkish Journal	
UNDERSEA HYPER Undersea & Hyperbaric Medicine	1066-2936 医学
UNFALLCHIRURG Unfallchirurg	0177-5537 医学
UPSALA J MED SCI Upsala Journal of Medical Sciences	0300-9734 医学
UROL CLIN N AM Urologic Clinics of North America	0094-0143 医学
UROL INT Urologia Internationalis	0042-1138 医学
UROL RES Urological Research	0300-5623 医学
UROLOGE Urologe VASA-J VASCULAI Vasa-Journal of Vascular Diseases	1433-0563 医学
VASC MED Vascular Medicine	0301-1526 医学
VASCULAR Vascular Vascular	1358-863》医学
	1708-5381 医学
VERHALTENSTHEI Verhaltenstherapie	1016-6262 医学
VIRAL IMMUNOL Viral Immunology VIRUS GENES Virus Genes	0882-8245 医学
VISUAL NEUROSC Visual Neuroscience	0920-8569 医学
	0952-5238 医学
VISZERALCHIRUR Viszeralchirurgie W INDIAN MED J West Indian Medical Journal	1435-3067 医学
	0043-3144 医学 0193-9459 医学
WESTERN J NURS Western Journal of Nursing Research	— •
WIDEOCHIRURGIA Wideochirurgia I Inne Techniki Maloinwazyjne WIEN KLIN WOCH Wiener Klinische Wochenschrift	1895-4588 医学
WILD ENVIRON MI Wilderness & Environmental Medicine	0043-5325 医学 1080-6032 医学
WORLD J PEDIATR World Journal of Pediatrics	1708-8569 医学
WORLDV EVID-BA Worldviews On Evidence-Based Nursing	1545-102》 医学
WOUNDS Wounds-A Compendium of Clinical Research and Pract	— •
WSPOLCZESNA ON Wspolczesna Onkologia-Contemporary Oncology	1428-2526 医学
YAKUGAKU ZASSI Yakugaku Zasshi-Journal of the Pharmaceutical Society	— ·
YONSEI MED J Yonsei Medical Journal	0513-5796 医学
Z GASTROENTERC Zeitschrift Fur Gastroenterologie	0044-2771 医学
Z GERONTOL GERI Zeitschrift Fur Gerontologie Und Geriatrie	0948-6704 医学
Z MED PHYS Zeitschrift Fur Medizinische Physik	0939-3889 医学
Z ORTHOP GRENZ(Zeitschrift Fur Orthopadie Und Ihre Grenzgebiete	0044-3220 医学
Z ORTHOP UNFALIZeitschrift Fur Orthopadie Und Unfallchirurgie	1864-6697 医学
Z PSYCHOSOM ME Zeitschrift Fur Psychosomatische Medizin Und Psychot	
Z RHEUMATOL Zeitschrift Fur Rheumatologie	0340-1855 医学
ZBL CHIR Zentralblatt Fur Chirurgie	0044-409% 医学
ZBL NEUROCHIR Zentralblatt Fur Neurochirurgie	0044-4251 医学
ZH NEVROL PSIKHZhurnal Nevrologii I Psikhiatrii Imeni S S Korsakova	1997-7298 医学
ZH VYSSH NERV DZhurnal Vysshei Nervnoi Deyatelnosti Imeni I P Pavlov	
ZOONOSES PUBLI(Zoonoses and Public Health	1863-1959 医学
NATURE Nature	0028-0836 综合性期刊
P NATL ACAD SCI Proceedings of the National Academy of Sciences of the	
SCIENCE Science	0036-8075 综合性期刊
ANN NY ACAD SCI Annals of the New York Academy of Sciences	0077-8923 综合性期刊
J R SOC INTERFAC Journal of the Royal Society Interface	1742-5689 综合性期刊
NATURWISSENSCI Naturwissenschaften	0028-1042 综合性期刊
PHILOS TR SOC A Philosophical Transactions of the Royal Society of London	
SCI AM Scientific American	0036-8733 综合性期刊
AM SCI American Scientist	0003-0996 综合性期刊
AN ACAD BRAS CI Anais Da Academia Brasileira De Ciencias	0001-3765 综合性期刊
CHINESE SCI BULI Chinese Science Bulletin	1001-6538 综合性期₹

2009年大类分区表

		10= 10= 1	. A. I.I. II.
COMPLEXITY	. · ·	1076-2787	
DISCRETE DYN NA	Discrete Dynamics in Nature and Society	1026-0226	综合性期刊
HFSP J	Hfsp Journal	1955-2068	综合性期刊
J CULT HERIT	Journal of Cultural Heritage	1296-2074	
	F Journal of the Royal Society of New Zealand	0303-6758	
	Proceedings of the Estonian Academy of Sciences	1736-6046	
	Proceedings of the Royal Society A-Mathematical Physic		
THESCIENTIFICW	Thescientificworldjournal	1537-744X	综合性期刊
ACTA SCI-TECHNO	Acta Scientiarum-Technology	1806-2563	综合性期刊
	Advances in Complex Systems	0219-5259	
	Annals of Carnegie Museum	0097-4463	
ANN SCI	Annals of Carnegic Museum Annals of Science		
		0003-3790	
	FArab Gulf Journal of Scientific Research	1015-4442	
ARAB J SCI ENG	Arabian Journal For Science and Engineering	1319-8025	
ARCH SCI	Archives Des Sciences	1661-464X	综合性期刊
CARIBB J SCI	Caribbean Journal of Science	0008-6452	
		1310-1331	
CURR SCI INDIA		0011-3891	
DEFENCE SCI J	Defence Science Journal	0011-748X	
ENDEAVOUR	Endeavour	0160-9327	
HER RUSS ACAD S	Herald of the Russian Academy of Sciences	1019-3316	综合性期刊
HIST HUM SCI	History of the Human Sciences	0952-6951	综合性期刊
	History and Philosophy of the Life Sciences	0391-9714	
	History and Philosophy of Logic	0144-5340	
HIST SCI	History of Science	0073-2753	
	Historical Studies in the Physical and Biological Sciences		
INT J PHYS SCI	International Journal of Physical Sciences	1992-1950	综合性期刊
INTERCIENCIA	Interciencia	0378-1844	综合性期刊
INTERDISCIPL SCI	Interdisciplinary Science Reviews	0308-0188	综合性期刊
	(Iranian Journal of Science and Technology Transaction A		
	Kuwait Journal of Science & Engineering	1024-8684	
	Maejo International Journal of Science and Technology	1905-7873	
NAT HIST	Natural History	0028-0712	
NATL ACAD SCI L	National Academy Science Letters-India	0250-541X	综合性期刊
NEW SCI	New Scientist	0262-4079	综合性期刊
NOTES REC ROY S	Notes and Records of the Royal Society of London	0035-9149	综合性期刊
OHIO J SCI	Ohio Journal of Science	0030-0950	
	Proceedings of the National Academy of Sciences India S		
	A Proceedings of the Romanian Academy Series A-Mathen		
PROG NAT SCI	Progress in Natural Science	1002-0071	
S AFR J SCI	South African Journal of Science	0038-2353	综合性期刊
SCI CHINA SER A	Science in China Series A-Mathematics Physics Astronor	1006-9283	综合性期刊
SCI CONTEXT		0269-8897	
SCI ENG ETHICS	Science and Engineering Ethics	1353-3452	
SCI RES ESSAYS	Scientific Research and Essays	1992-2248	
	Ţ,		
SCIENTIST	Scientist	0890-3670	
T ROY SOC SOUTH	Transactions of the Royal Society of South Australia	0372-1426	综合性期 [†]

复分	大类分区	是否top期	刊9年影响[28年影响	7年影响	09年平均	舞总被引	年总被引
	1	Y	4.881	4.927		4.891	10675	7223
	1	Y	6.123	5.252	3.475	4.950	9074	8599
	1	Y	3.917	4.046	3.961	3.975	5155	4749
	1	Y	3.497	3.853	3.216	3.522	12334	10469
	1	Y	4.062	3.955	3.873	3.963	35555	29074
	1	Y	6.942	6.558	4.310	5.937	4397	3415
	1	Y	4.385	4.235	3.665	4.095	38529	34412
	1	Y	4.368	3.887	3.754	4.003	25639	19137
	1	Y	4.039	3.701	3.050	3.597	1024	826
	1	Y	3.363	4.307	3.550	3.740	20458	18203
	1	Y	3.738	4.289	3.806	3.944	9455	7981
	1	Y	3.545	3.663	3.277	3.495	21353	20122
	1	Y	8.108	0.000	0.000	8.108	1340	256
	1	Y	3.644	3.626	3.391	3.554	5158	4941
	1	Y	3.574	3.736	3.247	3.519	7373	5850
	1	Y	4.245	3.693	4.110	4.016	10031	8377
	1	Y	8.021	7.114	6.900	7.345	5800	4836
	2	N	2.284	2.270	2.375	2.310	6186	4607
	2	N	2.784	2.005	1.861	2.217	3438	2684
	2	N	3.063	2.735	2.065	2.621	3645	3361
	2	N	2.161	2.086	2.310	2.186	1449	865
	2	N	2.813	2.227	2.062	2.367	1634	1360
	2	N	2.127	2.810	2.020	2.319	4374	4954
	2	N	3.407	3.531	3.231	3.390	16089	13887
	2	N	3.826	2.542	1.450	2.606	401	196
	2	N	2.593	1.791	1.795	2.060	4957	4277
	2	N	3.597	3.069	2.232	2.966	773	569
	2	N	2.626	2.979	2.354	2.653	5050	4162
	2	N	2.346	2.125	1.842	2.104	281	213
	2	N	3.101	3.032	3.354	3.162	14576	10365
	2	N	2.119	2.339	1.854	2.104	6599	5566
	2	N	2.435	2.219	2.112	2.255	14668	12035
	2	Y	3.204	2.959	2.744	2.969	52131	46109
	2	N	2.061	2.463	3.000	2.508	433	381
	2	N	4.605	3.728	1.357	3.230	2189	1440
	2	N	2.481	2.167	2.343	2.330	3772	3409
	2	N	2.462	2.167	2.270	2.300	2066	1632
	2	N	2.347	1.971	2.610	2.309	5557	4463
	2	Y	2.911	2.989	2.755	2.885	19603	18781
	2	N	2.711	3.035	2.607	2.784	5695	4394
	2	N	3.297	2.797	2.304	2.799	7000	4888
	2	Y	3.082	3.147	2.953	3.061	144430	129836
	2	Y	2.433	2.305	2.161	2.300	17279	14510
	2	N	2.739	2.953	2.195	2.629	2379	2204
	2	N	2.238	2.255	1.772	2.088	3484	2881
	2	N	4.157	3.340	2.753	3.417	4231	3276
	2	N	1.934	2.160	2.287	2.127	2572	2074
	2	N	2.382	2.375	2.185	2.314	9870	9378
	2 2	N	3.127	2.976	2.496	2.866	2528	2212
	7	N	3.613	2.375	1.647	2.545	308	163

2	N	3.537	3.303	2.937	3.259	6835	5014
2	N	2.521	2.100	1.975	2.199	9099	7288
2	Y	2.238	2.358	2.267	2.288	15391	15101
2	N	2.236	2.225	2.614	2.358	1282	1041
2	N	2.113	0.000	0.000	2.113	1086	()
2	N	2.149	2.364	2.114	2.209	6427	5835
2	N	2.646	2.405	2.162	2.404	12689	9846
2	N	2.985	2.800	3.225	3.003	2913	2761
2	N	3.582	3.166	2.102	2.950	4052	3450
2	N	2.261	3.014	2.377	2.551	1453	1326
2	N	2.522	2.050	2.893	2.488	8501	7926
2	N	2.853	2.641	1.179	2.224	455	322
2	N	2.675	2.457	2.224	2.452	5764	5046
2	N	2.192	2.069	2.188	2.150	2053	1763
2	N	3.179	2.733	1.170	2.361	642	536
2	N	3.287	2.702	2.398	2.796	7649	4572
2	N	2.214	1.965	1.991	2.057	1758	1532
2	N	4.278	2.356	2.220	2.951	2907	2676
3	N	1.172	1.431	1.781	1.461	1382	1312
3	N	1.491	1.128	1.067	1.229	932	777
3	N	0.724	2.100	0.000	1.412	366	432
3	N	1.859	1.962	2.203	2.008	12451	11340
3	N	1.648	1.660	1.427	1.578	5081	4539
3	N	1.496	1.496	1.265	1.419	1549	1349
3	N	1.961	1.450	1.744	1.854	5667	4748
3	N	1.306	1.353	1.412	1.357	473	443
3	N	1.355	1.479	0.883	1.239	1387	1494
3	N	1.439	1.479	0.865	1.198	2269	1985
3	N	1.439	1.273	1.920	1.198	691	760
3	N	1.811	1.456	1.786	1.684	2272	1642
3	N	1.109	1.683	1.210	1.334	1773	1747
3	N N	1.109	2.199	1.743	1.934	10731	9463
3							
	N			1.375			3413
3	N	2.250	1.725		1.761	1889	1576
3	N N	2.183	2.136		2.001	5094	4528
3		1.965	1.411	1.172 1.300	1.516	5621 580	4697
3	N N	1.788	1.970		1.686 1.721	354	557 338
3		1.444	1.911				
3	N	2.055	1.716	1.917	1.896	4410	4092
	N	1.208	1.265	1.776	1.416	5313	4933
3	N	2.122	1.870		1.620	1134	844
3	N	1.970			1.947		7517
3	N	1.450	1.220	1.206	1.292	2651	2282
3	N	1.457	1.288	0.989	1.245	916	796
3	N	1.533	1.293		1.386	349	271
3	N	1.226	2.245		1.554	319	267
3	N	1.333	1.569	1.017	1.306	898	623
3	N	2.059	1.853	1.584	1.832	3038	2191
3	N	1.662	1.349	1.167	1.393	9988	7811
3	N	1.681	1.627		1.654	258	189
3	N	1.115	1.591	1.377	1.361	1174	1155

3	N	1.417	1.100	1.122	1.213	1771	1380
3	N	1.888	1.420	1.550	1.619	2144	1522
3	N	1.776	1.947	1.534	1.752	495	398
3	N	1.840	2.084	1.562	1.829	1400	1251
3	N	2.445	1.970	1.719	2.045	1957	1470
3	N	1.533	1.596	1.822	1.650	1997	1724
3	N	1.894	1.761	1.888	1.848	7190	6968
3	N	1.847	1.779	1.439	1.688	5058	4219
3	N	1.842	1.342	1.714	1.633	2281	1658
3	N	1.427	1.478	1.640	1.515	1830	1706
3							
3	N	1.588	1.699	1.564	1.617	4245	4102
	N	1.643	1.667	1.566	1.625	5336	4554
3	N	1.304	1.140	1.875	1.440	1340	1093
3	N	2.429	1.689	1.636	1.918	1226	992
3	N	1.812	1.692	1.321	1.608	1642	1249
3	N	1.680	1.496	1.881	1.686	3039	2755
3	N	0.932	0.684	2.375	1.330	404	285
3	N	1.556	1.657	1.565	1.593	2581	2589
3	N	1.803	2.065	2.204	2.024	1520	1461
3	N	2.008	1.755	1.890	1.884	3261	2438
3	N	1.732	1.427	1.660	1.606	7154	5096
3	N	2.346	1.548	1.376	1.757	3193	2333
3	N	1.921	2.488	1.742	2.050	8450	7685
3	N	1.836	1.567	1.185	1.529	1556	1287
3	N	1.737	1.832	2.106	1.892	663	520
3	N	2.440	1.954	1.505	1.966	2865	2335
3	N	1.684	1.358	2.346	1.796	2729	1643
3	N	1.520	2.037	1.248	1.602	1644	1617
3	N	1.357	1.345	1.021	1.241	1127	754
3	N	1.612	2.468	1.625	1.902	710	527
3	N	2.089	2.374	0.987	1.817	1099	958
3	N	1.890	1.517	1.025	1.477	2712	2121
3	N			1.919			
3	N	1.870	2.211	1.633	1.905	932	911
3	N	1.110	1.846	1.103	1.353	3678	4100
3	N	1.597	1.524	1.238	1.453	2702	2351
3	N	1.601	1.482		1.517	3410	2639
3	N	2.145	1.325	1.226	1.565	3317	2248
3	N	1.957	1.737	1.757	1.817	5825	4273
3	N	2.114	1.937	1.667	1.906	5162	3948
3	N	1.714	1.826	1.916	1.819	1099	952
3	N	3.600	0.857	0.714	1.724	384	284
3	N	1.326	0.000	0.000	1.326	126	0
3	N	1.935	1.677	1.729	1.780	19125	12762
3	N	2.087	1.899	2.065	2.017	2688	1926
3	N	1.776	1.621	1.674	1.690	1581	1356
3	N	1.607	1.000	2.481	1.696	392	203
3	N	1.663	1.376	1.375	1.471	2123	1831
4	N	0.590	0.000	0.000	0.590	175	0
4	N	0.288	0.000	0.000	0.288	95	0
4	N	0.275			0.275	54	0
	± 1	0.410	0.000	0.000	0.410	<i>U</i> 1	0

4	N	0.714	0.000	0.000	0.714	38	0
4	N	0.540	0.581	0.786	0.636	478	415
4	N	0.882	0.308	0.000	0.595	226	157
4	N	0.235	0.000	0.000	0.235	9	0
4	N	0.874	0.000	0.000	0.874	678	0
4	N	0.097	0.000	0.000	0.097	69	0
4	N	0.481	0.441	0.716	0.546	629	512
4	N	0.691	0.679	0.902	0.757	899	832
4	N	0.851	0.512	0.488	0.617	484	355
4	N	0.862	0.741	0.577	0.727	996	890
4	N	0.000	0.000	0.000	0.000	9	0
4	N	0.548	0.418	0.298	0.421	575	439
4	N	0.981	0.768	0.482	0.744	353	247
4	N	0.867	0.200	0.333	0.467	348	249
4	N	0.619	0.000	0.000	0.619	331	0
4	N	0.000	0.000	0.000	0.000	82	0
4	N	0.457	0.000	0.000	0.457	161	0
4	N	0.807	0.789	0.310	0.635	542	530
4	N	0.784	1.304	0.660	0.916	266	235
4	N	0.950	1.264	0.877	1.030	1213	1249
4	N	0.355	0.000	0.000	0.355	15	0
4	N	0.438	0.500	0.688	0.542	127	122
4	N	1.143	0.843	0.804	0.930	487	366
4	N	0.356	0.000	0.000	0.356	354	0
4	N	1.000	1.200	0.560	0.920	351	270
4	N	0.983	0.000	0.000	0.983	137	0
4	N	1.503	0.929	0.799	1.077	3583	3416
4	N	0.890	0.864	0.750	0.835	2132	1564
4	N	0.663	0.603	0.553	0.606	941	899
4	N	0.529	0.000	0.000	0.529	95	()
4	N	0.677	0.482	0.231	0.463	97	54
4	N	0.711	0.675	0.542	0.643	2867	2381
4	N	0.824	0.922	0.955	0.900	5187	3911
4	N	1.290	1.136	1.057	1.161	3074	3149
4	N	0.320	0.321	0.194	0.278	130	126
4	N	1.261	1.139	1.179	1.193	411	328
4	N	0.844	0.639	0.662	0.715	1578	1063
4	N	0.964	0.500	0.707	0.724	1891	1507
4	N	1.142	1.188	0.893	1.074	3006	2469
4	N	1.229	0.630	0.570	0.810	910	566
4	N	1.306	1.222	0.742	1.090	354	288
4	N	0.931	1.048	0.880	0.953	1174	836
4	N	0.881	0.630	0.889	0.800	594	435
4	N	1.221	0.938	1.045	1.068	1489	942
4	N	0.138	0.000	0.000	0.138	4	()
4	N	0.250	0.268	0.434	0.317	904	771
4	N	0.829	0.694	0.000	0.762	1609	1238
4	N	0.080	0.000	0.000	0.080	9	()
4	N	1.212	1.197	0.951	1.120	2958	2237
4	N	0.372	0.360	0.271	0.334	227	215
4	N	0.622	0.543	0.000	0.583	216	164

4	N	0.750	0.080	0.000	0.415	44	2
4	N	0.404	0.000	0.000	0.404	388	()
4	N	0.989	0.558	0.000	0.774	179	55
4	N	0.970	1.172	1.227	1.123	197	301
4	N	1.049	0.875	1.381	1.102	324	249
4	N	1.176	0.766	0.716	0.886	561	472
4	N	0.904	1.089	0.658	0.884	1325	1190
4	N	0.502	0.367	0.502	0.457	1126	1060
4	N	0.783	0.798	0.680	0.754	884	865
4	N	1.000	0.276	0.227	0.501	295	112
4	N	0.656	0.318	0.667	0.547	129	75
4	N	0.167	0.000	0.000	0.167	14	()
4	N	0.600	1.058	1.529	1.062	749	495
4	N	0.635	0.979	0.630	0.748	349	251
4	N	0.534	0.000	0.000	0.534	382	0
4	N	0.500	0.000	0.000	0.500	81	0
4	N	1.041	1.042	1.500	1.194	1042	990
4	N	0.136	0.000	0.000	0.136	171	0
4	N	1.225	1.098	0.865	1.063	350	281
4	N	0.655	0.522	0.396	0.524	112	130
4			1.081				
	N	0.963		0.517	0.854	553	494
4	N	0.331	0.314	0.400	0.348	304	338
4	N	0.580	0.892	0.712	0.728	404	260
4	N	0.095	0.121	0.113	0.110	17	10
4	N	1.552	1.186	0.811	1.183	1042	811
4	N	0.282	0.452	0.000	0.367	84	96
4	N	1.772	0.852	0.731	1.118	1871	1430
4	N	0.750	0.250	0.000	0.500	261	219
4	N	0.671	0.412	0.566	0.550	289	153
4	N	1.000	0.738	0.557	0.765	602	438
4	N	0.702	1.012	0.507	0.740	463	456
4	N	0.957	0.707	0.000	0.832	94	54
4	N	0.125	0.000	0.000	0.125	163	0
4	N	0.189	0.000	0.000	0.189	66	0
4	N	0.692	0.000	0.000	0.692	18	0
4	N	0.102	0.310	0.302	0.238	453	483
4	N	0.864	0.000	0.000	0.864	22	0
4	N	0.900	0.000	0.000	0.900	139	0
4	N	1.182	1.038	0.837	1.019	1055	725
			0.457				
4	N	0.371		0.424	0.417	547	372
4	N	0.360	0.441	0.439	0.413	413	415
4	N	0.875	1.219	1.089	1.061	1942	1345
4	N	1.294	1.333	0.938	1.188	1133	926
4	N	1.370	0.532	1.000	0.967	261	183
4	N	0.210	0.151	0.000	0.181	173	177
4	N	1.366	0.517	0.383	0.755	3385	2788
4	N	0.000	0.000	0.000	0.000	34	()
4	N	0.819	0.786	0.476	0.694	246	160
4	N	0.457	0.158	0.000	0.308	16	5
4	N	0.698	0.472	0.750	0.640	195	192
4	N	1.791	0.878	0.595	1.088	1872	1546

4	N	0.518	0.000	0.000	0.518	157	0
4	N	0.424	0.355	0.368	0.382	1324	1099
4	N	0.973	0.000	0.000	0.973	105	0
4	N	0.548	0.000	0.000	0.548	85	0
4	N	0.935	0.000	0.000	0.935	97	0
4	N	1.104	0.951	0.793	0.949	2574	2336
4	N	0.697	0.796	0.872	0.788	195	177
4	N	1.188	1.189	0.731	1.036	1421	1276
4	N	1.071	0.000	0.000	1.071	17	0
4	N	1.096	0.940	1.087	1.041	3950	3344
4	N	0.605	0.727	1.091	0.808	519	326
4	N	1.173	1.375	0.873	1.140	1700	1107
4	N	0.250	0.098	0.224	0.191	85	58
4	N	1.097	1.091	0.769	0.986	595	473
4	N	0.364	0.000	0.000	0.364	41	0
4	N	0.386	0.000	0.000	0.386	228	0
4	N	0.815	1.200	0.000	1.008	187	326
4	N	1.703	0.754	0.986	1.148	460	231
4	N	0.968	0.908	0.712	0.863	454	377
4	N	0.561	0.488	0.378	0.476	361	253
4	N	1.053	0.000	0.000	1.053	257	0
4	N	0.729	0.940	0.689	0.786	682	597
4	N	1.048	0.883	0.765	0.899	1260	1172
4	N	0.848	0.000	0.000	0.848	47	10
4	N	0.203	0.000	0.000	0.203	295	0
4	N	1.467	0.583	0.594	0.203	550	357
4	N	0.872	1.034	1.149	1.018	1317	1304
4	N	1.097	1.054	0.986	1.113	764	733
4	N	0.923	0.448	0.647	0.673	1381	924
4	N	1.012	1.511	0.907	1.143	1076	1043
4	N	0.735	0.810	1.269	0.938	2565	2312
4	N	0.733	0.347	0.350	0.424	618	537
4	N	0.838	0.805		0.424	230	183
4		0.655	0.750	0.985 0.833	0.876	181	170
4	N N	0.622	0.730	0.833	0.740	550	360
4	N	0.483	0.390	0.490	0.482	873	716
4	N	1.167	0.620	0.800	0.462	1389	1026
4	N	1.107	0.333	0.258	0.564	275	194
4	N N	1.152	1.022	1.314	1.163	955	798
4	N	1.426	0.548	0.950	0.975	602	450
4	N N	0.937	0.000	0.000	0.937	180	0
4	N	0.811	0.000	0.000	0.811	109	
4	N	0.613	1.038	0.744	0.798	363	344
4	N	0.307	0.343	0.449	0.366	650	740
4	N	0.963	1.310	0.710	0.994	536	375
4	N	0.939	0.638	0.854	0.810	679	427
4	N	1.000	0.182	0.208	0.463	321	181
4	N	1.370	0.500	0.306	0.725	633	485
4	N	0.500	0.312	0.333	0.382	662	434
4	N	1.294	1.000	0.881	1.058	444	351
4	N	0.634	0.419	0.509	0.521	650	530

4	N	0.604	0.369	0.547	0.507	942	778
4	N	0.862	0.304	0.235	0.467	356	201
4	N	0.408	0.000	0.000	0.408	255	()
4	N	1.220	0.808	0.842	0.957	481	363
4	N	0.174	0.000	0.000	0.174	49	()
4	N	0.912	1.031	1.062	1.002	508	441
4	N	0.265	0.304	0.218	0.262	91	82
4	N	0.927	1.417	0.889	1.078	323	239
4	N	0.975	1.138	0.653	0.922	1849	1503
4	N	0.810	0.613	0.419	0.614	507	482
4	N	0.909	1.276	0.778	0.988	679	584
4	N	0.938	1.004	0.860	0.934	3491	2817
4	N	0.877	0.919	0.685	0.827	610	457
4	N	0.452	0.000	0.000	0.452	243	0
4	N	1.257	0.781	1.164	1.067	3625	2948
4	N	0.609	0.377	0.808	0.598	267	203
4	N	0.562	0.567	0.567	0.565	406	366
4	N	1.349	1.224	0.586	1.053	437	248
4	N	0.540	0.766	0.483	0.596	662	705
4	N	1.000	0.850	0.830	0.893	1390	1236
4	N	0.224	0.000	0.000	0.224	22	0
4	N	1.013	0.854	0.602	0.823	851	593
4	N	0.880	0.725	0.718	0.774	2032	1787
4	N	0.576	0.424	0.722	0.574	364	261
4	N	0.761	0.000	0.000	0.761	159	0
4	N	0.915	0.602	0.682	0.733	457	318
4	N	1.000	0.770	0.733	0.834	453	417
4	N	0.258	0.455	0.755	0.290	116	111
4	N	1.433	0.788	0.000	1.111	152	49
4	N	0.643	0.594	0.407	0.548	640	553
4	N	0.222	0.000	0.000	0.222	50	0
4	N	0.610	0.614	1.250	0.825	1260	1051
1	Y	25.640	25.826	20.290	23.919	6957	6280
1	Y	11.857	7.500	6.000	8.452	605	466
1	Y	12.771	13.990	7.898	11.553	21507	18111
2	N	7.581	6.364	7.732	7.226	3860	3009
2	N	4.179	4.153	4.259	4.197	88679	79218
2	N	4.481	4.769	5.019	4.756	33695	30711
2	Y	7.364	6.331	6.405	6.700	203596	177571
2	N	6.502	6.389	6.067	6.319	8871	5985
2	N	5.103	5.185	5.249	5.179	70989	61524
3	N	4.136	3.388	3.483	3.669	3219	2684
3	N	5.444	2.083	0.543	2.690	321	222
3	N	3.272	2.670	2.311	2.751	3525	2832
3	N	3.340	3.268	2.869	3.159	14098	12079
3	N	3.253	1.993	2.371	2.539	3869	3163
3	N	3.786	2.564	1.390	2.580	649	582
3	N	5.022	4.429	2.525	3.992	5033	3838
3	N	3.009	3.232	3.737	3.326	8132	7342
3	N	3.628	2.774	2.479	2.960	8894	7510
3	N	4.589	2.372	2.954	3.305	6078	4999
J	TA	+.507	4.314	4.734	5.505	0070	サフフフ

4	N	2.471	1.778	1.980	2.076	1164	860
4	N	1.079	0.860	0.774	0.904	6348	5979
4	N	0.391	0.557	0.534	0.494	132	108
4	N	0.943	1.005	0.943	0.964	985	936
4	N	1.186	1.261	1.461	1.303	1823	1487
4	N	0.759	0.809	0.742	0.770	1567	1398
4	N	0.723	0.000	0.000	0.723	57	()
4	N	1.404	1.283	0.834	1.174	4084	3869
4	N	0.486	0.447	0.769	0.567	423	425
4	N	0.310	0.000	0.000	0.310	140	()
4	N	1.032	0.919	0.590	0.847	340	287
4	N	1.811	1.562	0.844	1.406	1542	1437
4	N	0.888	0.689	0.652	0.743	543	553
4	N	0.363	0.000	0.000	0.363	60	0
4	N	0.366	0.410	0.368	0.381	414	389
4	N	0.655	1.033	0.558	0.749	648	616
4	N	1.074	0.794	1.188	1.019	1834	1365
4	N	1.604	1.560	1.019	1.394	706	642
4	N	1.050	0.000	0.000	1.050	270	()
4	N	1.046	1.968	1.870	1.628	2284	2268
4	N	0.580	0.667	0.439	0.562	246	222
4	N	0.434	0.296	0.192	0.307	255	140
4	N	0.292	0.000	0.000	0.292	137	0
4	N	0.526	0.311	0.188	0.342	386	209
4	N	1.675	1.784	1.714	1.724	1288	1196
4	N	1.299	1.000	1.080	1.126	1241	1183
4	N	0.314	0.679	0.528	0.507	333	330
4	N	1.993	2.353	2.026	2.124	5835	4893
4	N	2.067	2.506	1.842	2.138	5125	4701
4	N	0.000	0.000	0.000	0.000	33	()
4	N	2.525	1.807	1.344	1.892	717	611
4	N	0.263	0.198	0.253	0.238	184	141
4	N	1.845	1.432	1.060	1.446	384	266
1	Y	7.667	9.920	5.250	7.612	3640	3273
1	Y	3.619	3.383	3.413	3.472	5230	4083
1	Y	7.493	5.472	0.000	6.483	3313	703
1	Y	3.975	3.727	3.113	3.605	2320	1176
1	Y	3.760	3.729	3.624	3.704	26183	23367
1	Y	5.500	5.000	0.000	5.250	966	928
1	Y	4.165	2.569	3.253	3.329	1404	1226
1	Y	6.990	6.808	7.496	7.098	16763	12257
1	Y	8.379	8.191	8.191	8.254	57456	49008
1	Y	11.235	10.789	11.567	11.197	2441	2122
1	Y	7.911	7.947	4.765	6.874	4173	3747
1	Y	3.243	4.114	4.250	3.869	599	567
1	Y	3.036	3.397	3.008	3.147	9016	7120
1	Y	7.365	6.646	6.262	6.758	46835	39782
1	Y	4.253	4.453	3.103	3.936	20537	14702
1	Y	5.429	5.143	5.061	5.211	14196	12112
1	Y	8.250	6.110	5.236	6.532	2788	1928
1	Y	3.377	2.936	3.037	3.117	19204	16872

1	Y	4.118	0.000	0.000	4.118	83	()
1	Y	4.504	4.373	4.260	4.379	19880	17850
1	Y	5.368	5.046	4.883	5.099	57387	51245
1	Y	5.378	3.310	1.972	3.553	1223	815
1	Y	3.567	4.462	4.250	4.093	966	822
1	Y	3.725	4.154	4.211	4.030	3655	3247
1	Y	7.820	7.485	7.370	7.558	7126	6378
1	Y	4.243	4.194	4.186	4.208	10935	8753
1	Y	6.190	2.905	2.476	3.857	1601	1030
1	Y	3.758	4.249	1.799	3.269	11664	13838
1	Y	4.914	3.758	2.907	3.860	3176	3040
1	Y	4.589	3.736	2.426	3.584	5038	3849
1	Y	4.678	5.468	2.216	4.121	10306	9014
1	Y	2.889	3.726	2.769	3.128	10563	9883
1	Y	4.378	5.960	3.579	4.639	22851	24674
1	Y	3.750	3.569	2.105	3.141	5738	5449
1	Y	3.508	5.358	3.381	4.082	7324	8660
1	Y	3.945	3.452	2.725	3.374	15069	9744
1	Y	5.276	8.479	5.099	6.285	1629	1978
1	Y	4.791	3.875	4.516	4.394	4179	3594
1	Y	4.857	3.462	3.500	3.940	1911	1733
1	Y	5.288	5.167	4.737	5.064	31744	29519
1	Y	4.144	2.975	2.337	3.152	21180	11402
1	Y	4.795	4.646	4.339	4.593	29162	24636
1	Y	3.176	0.000	0.000	3.176	148	39
1	Y	3.739	2.737	0.000	3.238	997	658
1	Y	3.792	3.477	2.809	3.359	33580	26856
1	Y	3.412	3.023	3.410	3.282	651	438
1	Y	6.306	6.478	5.068	5.951	8339	6369
1	Y	4.263	3.907	3.383	3.851	10015	8966
1	Y	4.539	4.407	4.411	4.452	88896	80559
1	Y	12.217	12.619	14.400	13.079	3938	3435
1	Y	11.452	12.929	0.000	12.191	2766	2174
1	Y	3.093	3.602	3.505	3.400	2307	2253
1	Y	4.725	4.144	3.444	4.104	1425	1135
1	Y	4.485	5.183	5.826	5.165	6186	5684
1	Y	4.356	3.308	3.439	3.701	2662	1674
1	Y	6.330	5.290	5.168	5.596	4747	4295
1	Y	9.991	10.371	9.627	9.996	46238	37089
1	Y	13.237	8.795	5.929	9.320	734	376
1	Y	5.440	0.000	0.000	5.440	741	0
1	Y	3.137	3.446	3.310	3.298	20959	16291
1	Y	29.495	22.297	22.848	24.880	31564	28188
1	Y	29.504	23.132	19.782	24.139	24465	18902
1	Y	26.309	20.571	14.917	20.599	6461	2927
1	Y	3.262	3.590	3.879	3.577	2161	1435
1	Y	4.878	4.613	3.820	4.437	17919	17993
1	Y	3.723	3.488	2.765	3.325	261	158
1	Y	5.612	4.829	3.158	4.533	422	225
1	Y	9.250	2.129	1.091	4.157	569	506
1	Y	11.024	8.000	5.269	8.098	3135	2265

1	Y	15.769	18.132	20.846	18.249	3808	3425
1	Y	4.702	2.652	2.179	3.178	1819	1150
1	Y	4.091	4.750	2.636	3.826	619	634
1	Y	7.913	5.429	6.522	6.621	1730	1557
1	Y	4.842	4.075	3.774	4.230	2580	1451
1	Y	6.171	6.525	6.408	6.368	7450	5016
1	Y	4.869	4.586	4.703	4.719	3898	1844
1	Y	6.909	6.624	7.610	7.048	8118	6997
1	Y	4.051	3.850	3.739	3.880	4287	3470
1	Y	4.517	7.067	3.818	5.134	2247	2024
2	N	1.212	2.766	0.000	1.989	404	374
2	N	2.381	2.391	1.917	2.230	1128	1069
2	N	2.077	0.000	0.000	2.077	436	()
2	N	1.904	2.197	1.714	1.938	2228	2111
2	N	1.170	2.465	0.000	1.818	142	155
2	N	1.938	0.000	0.000	1.938	341	()
2	N	2.029	3.958	2.792	2.926	797	729
2	N	2.812	0.000	0.000	2.812	95	()
2	Y	1.955	1.883	1.607	1.815	15043	14509
2	N	2.409	2.605	2.346	2.453	5339	4487
2	N	2.929	2.500	1.963	2.464	563	477
2	Y	2.896	2.569	2.475	2.647	16343	13809
2	N	1.595	1.884	1.857	1.779	10244	9767
2	N	2.415	1.909	1.537	1.954	1079	606
2	N	1.564	2.062	1.902	1.843	6126	6327
2	N	1.645	1.960	1.825	1.810	1475	1025
2	N	1.827	2.131	1.835	1.931	2730	2528
2	N	1.872	1.848	2.132	1.951	695	689
2	N	2.631	3.178	2.083	2.631	13023	12382
2	N	2.193	1.889	1.872	1.985	3778	2880
2	N	1.873	2.055	2.187	2.038	1774	1627
2	N	1.697	1.935	1.694	1.775	4624	4259
2	N	3.326	2.540	1.779	2.548	5262	3885
2	N	3.169	3.129	2.604	2.967	644	466
2	N	3.323	2.924	3.073	3.107	1582	1208
2	N	2.548	2.587	2.759	2.631	7944	7432
2	N	2.398	2.108	2.224	2.243	6607	5738
2	N	2.723	2.383	2.747	2.618	1117	795
2	N	2.156	1.844	1.406	1.802	1361	1052
2	N	2.816	2.813	1.707	2.445	7708	5417
2	Y	2.136	1.884	1.775	1.932		
2	N	2.111	1.940	2.063	2.038	3988	3625
2	N	2.404	1.844	1.362	1.870	2836	2121
2	N	2.923	2.160	2.184	2.422	9552	7145
2	N	2.346	2.646	1.593	2.195	13853	12617
2	N	2.410	1.951	1.662	2.008	4978	4099
2	N	2.901	2.533	2.171	2.535	10309	8719
2	N	1.333	3.526	2.211	2.357	479	355
2	N	2.059	2.190	1.602	1.950	1988	1479
2	N	2.212	2.656		2.412	1467	1286
2	N	1.806	2.129	1.488	1.808		
_	1.4	1.000	4.147	1.700	1.000	14000	12000

2	N	1.676	2.220	1.417	1.771	2369	2548
2	N	2.205	2.093	1.367	1.888	3341	3133
2	N	2.316	2.293	1.895	2.168	10590	9061
2	N	1.472	2.437	2.793	2.234	332	278
2	N	4.000	2.976	1.677	2.884	2287	2209
2	N	2.950	2.421	2.420	2.597	1822	1470
2	N	2.622	1.873	1.119	1.871	3376	2633
2	N	2.882	2.941	2.990	2.938	5661	5148
2	N	1.822	2.092	1.788	1.901	7386	7412
2	N	2.855	2.507	2.796	2.719	5227	4263
2	N	1.837	2.001	2.109	1.982	6743	5934
2	Y	3.325	3.078	2.848	3.084	29967	25681
2	N	2.319	2.056	1.679	2.018	9498	7145
2	N	2.952	1.712	1.172	1.945	4765	3053
2	N	2.809	0.000	0.000	2.809	155	()
2	N	3.085	2.659	2.099	2.614	2740	2180
2	N	1.491	2.561	1.959	2.004	1241	1106
2	N	2.019	1.943	2.025	1.996	2973	2681
2	N	3.103	3.000	1.575	2.559	2397	1816
2	N	2.908	2.596	1.177	2.227	5421	3032
2	N	2.131	1.810	2.045	1.995	4141	3727
2	Y	3.146	2.696	3.052	2.965	22820	17111
2	N	2.114	2.321	2.186	2.207	8473	7571
2	N	2.463	1.980	1.823	2.089	2842	2270
2	N	3.196	2.511	2.492	2.733	4536	3280
2	N	3.216	2.847	2.039	2.701	3329	2867
2	N	1.941	2.006	1.796	1.914	2176	1857
2	N	2.414	2.073	2.271	2.253	4412	3718
2	N	3.179	2.536	1.829	2.515	11670	9461
2	N	2.557	2.194	3.273	2.675	1308	1029
2	N	2.321	2.066	1.883	2.090	3817	3116
2	N	2.561	0.000	0.000	2.561	122	()
2	N	2.324	2.000	1.450	1.925	927	790
2	N	2.519	3.722	2.906	3.049	3603	3547
2	N	2.246	1.866	1.803	1.972	618	424
2	N	2.051	2.576	1.831	2.153	5263	6129
2	N	2.446	2.799	1.704	2.316	6583	6944
2	N	2.622	2.535	1.286	2.148	283	123
2	N	2.736	2.827	1.190	2.251	2252	2245
2	N	2.605	3.049	2.486	2.713	7681	7414
2	N	3.144	2.278	1.438	2.287	2214	1796
2	N	3.108	2.309	1.551	2.323	1841	1568
2	N	1.968	2.413	2.360	2.247	9834	10599
2	N	3.064	2.518	2.384	2.655	5719	5332
2	N	3.151	3.466	2.254	2.957	13567	13137
2	N	3.205	2.565	1.701	2.490	1583	1478
2	N	1.913	2.302	1.725	1.980	3341	3664
2	N	2.148	3.068	1.609	2.275	1653	1863
2	N	3.079	2.615	2.293	2.662	1363	1060
2	N	1.815	2.173	2.015	2.001	13103	14383
2	N	1.867	0.000	0.000	1.867	393	0

2	N	2.090	3.000	0.892	1.994	764	709
2	N	2.039	2.099	1.462	1.867	2495	2371
2	Y	2.011	2.479	1.636	2.042	14253	15884
2	Y	2.556	3.293	2.824	2.891	22915	23227
2	N	2.154	2.496	1.622	2.091	10947	10943
2	N	2.548	2.951	1.685	2.395	5375	5866
2	N	1.822	2.611	1.680	2.038	9089	9240
2	N	1.858	2.130	1.278	1.755	3271	3114
2	N	2.093	2.093	1.161	1.782	422	381
2	N	2.445	2.730	2.165	2.447	14135	14073
2	N	2.635	2.617	1.018	2.090	4146	3583
2	N	3.343	3.624	2.137	3.035	5961	5211
2	N	2.234	3.157	2.344	2.578	11678	14614
2	N	2.848	3.315	2.462	2.875	11472	12214
2	N	2.338	2.230	1.089	1.886	540	265
2	Y	2.357	3.793	2.315	2.822	25950	29333
2	N	2.092	2.844	1.689	2.208	1021	971
2	N	2.285	2.236	1.896	2.139	4262	3813
2	Y	2.076	2.711	1.907	2.231	14800	16941
2	N	2.647	3.352	1.716	2.572	2020	1909
2	N	1.822	2.288	1.518	1.876	1942	2010
2	N	1.671	2.154	2.110	1.978	1574	1447
2	N	2.929	3.483	1.753	2.722	7168	7719
2	N	2.035	2.656	0.813	1.835	6904	7580
2	Y	2.212	2.335	1.640	2.062	15879	15979
2	N	3.007	2.361	1.353	2.240	4901	3991
2	N	1.800	2.160	1.654	1.871	6079	6871
2	N	2.350	2.445	1.600	2.132	2639	2224
2	N	1.903	2.181	1.234	1.773	6721	6277
2	N	2.394	3.180	2.000	2.525	1787	1925
2	N	2.077	1.562	0.000	1.820	56	25
2	Y	1.758	1.895	1.749	1.801	25480	23045
2	N	2.212	2.057	0.000	2.135	536	472
2	N	2.282	2.358	1.631	2.090	3276	2919
2	N	3.291	3.095	2.147	2.844	6828	5433
2	N	1.966	1.660	1.681	1.769	1022	949
2	N	2.174	1.474	1.713	1.787	1302	1003
2	N	2.409	2.421	2.198	2.343	4721	4224
2	N	1.924	1.768	1.625	1.772	1930	1480
2	N	2.175	0.000	0.000	2.175	564	0
2	N	3.011	2.753	2.581	2.782	12989	11184
2	Y	1.947	1.894	1.500	1.780	18177	16117
2	N	2.380	1.769	1.364	1.838	2539	1861
2	N	2.932	2.791	1.537	2.420	1690	907
2	N	2.025	2.229	1.612	1.955	11897	11376
2	N	1.993	2.882	1.318	2.064	3236	3472
2	N	2.345	1.893	0.000	2.119	167	78
2	N	2.231	2.034	2.219	2.161	4176	3517
2	N	2.308	2.293	1.116	1.906	1328	1235
2	N	2.717	2.339	3.136	2.731	6437	5727
2	Y	1.944	2.101	1.792	1.946	27943	26828

2	N	2.300	1.954	1.436	1.897	5167	3967
2	N	2.246	1.836	0.000	2.041	430	335
2	N	2.800	1.896	1.917	2.204	664	504
2	N	2.505	2.158	1.862	2.175	2981	2618
2	N	2.816	2.706	2.612	2.711	8462	6674
2	N	2.185	2.030	1.933	2.049	3365	2578
2	N	2.881	2.748	2.565	2.731	9112	8058
2	N	2.490	3.026	1.905	2.474	3733	3528
2	N	1.695	2.063	1.729	1.829	9399	9107
2	N	1.966	1.876	1.939	1.927	4297	4112
2	N	2.297	2.265	1.824	2.129	1046	978
2	N	2.000	2.000	1.854	1.951	273	263
2	N	1.928	0.000	0.000	1.928	424	0
2	Y	2.241	2.437	2.483	2.387	41699	38792
2	N	2.317	1.093	3.000	2.137	1078	558
2	N	1.989	2.684	0.960	1.878	368	282
2	N	2.423	2.457	2.106	2.329	2563	2082
2	N	2.313	2.081	1.848	2.081	9875	8519
2	N	1.960	1.763	1.886	1.870	11462	10335
2	N	1.798	1.919	1.681	1.799	3637	3050
2	N	2.049	1.966	1.605	1.873	879	838
2	N	2.185	2.736	2.196	2.372	12227	12901
2	N	2.789	3.116	2.682	2.862	4132	3328
2	N	2.098	2.358	1.867	2.108	2650	2527
2	N	1.667	1.743	1.916	1.775	13768	13437
2	Y	3.203	3.247	2.432	2.961	24096	20638
2	N	1.922	2.226	1.964	2.037	4714	4713
2	N	1.922	2.233	1.930	2.053	6725	6387
2	N	2.478	2.299	2.338	2.372	2459	1806
2	N	1.435	1.929	1.987	1.784	5537	4293
2	N	2.115	2.085	0.000	2.100	465	338
2	N	2.639	2.428	2.189	2.419	3979	3167
2	N	2.114	1.887	1.589	1.863		3899
	N	1.663	2.326	1.742		7305	6211
2	N	2.369	1.787	1.742	1.974	1033	747
2	N	1.683	1.912	1.792	1.796	987	900
2	N	2.587	2.544		2.545	1768	1510
2	N	2.232	1.812	1.486	1.843	3967	3340
2	N	2.232	1.799	1.480	1.895	10486	8674
2	Y	1.940	1.748	1.625	1.771	16195	13247
2	N	1.954	2.183		2.048	8156	8042
2	N N	2.206	2.374	2.211	2.046	3029	2831
2	N	2.200	1.984	1.333	1.797	2766	2136
2	N	1.674	2.216	1.471	1.787	2458	2396
2	N	3.432	3.338	0.547	2.439	712	572
2	N N		3.314		2.439		783
2		3.286		2.241		1163	
2 2	N N	3.035	2.992	1.941	2.656	1248	1151
2	N N	2.894	1.731	2.158	2.261	681 7456	207
2	N N	2.175	2.378	2.335	2.296	7456	6730 5706
	N	1.879	2.656		2.162	6488	5706
2	N	3.256	1.906	2.647	2.603	6763	4354

2	N	2.554	3.279	2.019	2.617	11703	11149
2	N	2.131	1.940	2.000	2.024	254	276
2	N	2.039	2.167	1.747	1.984	1218	1087
2	N	2.185	1.944	1.200	1.776	805	759
2	N	2.461	2.039	1.720	2.073	3657	2842
2	Y	2.949	2.887	2.481	2.772	15091	13399
2	Y	3.083	3.122	2.934	3.046	21794	19119
2	N	1.821	1.870	1.573	1.755	2146	1179
2	N	2.879	2.503	2.142	2.508	6534	4798
2	N	1.458	2.519	1.810	1.929	126	122
2	N	3.858	2.788	2.002	2.883	8327	6244
2	Y	1.793	1.860	1.678	1.777	20909	19359
2	Y	1.901	1.962	1.788	1.884	14548	13715
2	N	1.797	2.073	1.634	1.835	4609	4479
2	Y	1.727	1.884	1.693	1.768	33298	31109
2	N	2.268	1.874	1.948	2.030	3084	2306
2	N	2.552	0.000	0.000	2.552	397	0
2	N	2.067	2.629	1.996	2.231	5007	4881
3	N	1.448	1.364	1.273	1.362	7204	4588
3	N	1.447	0.000	0.000	1.447	204	0
3	N	1.364	0.000	0.000	1.364	114	0
3	N	1.194	0.000	0.000	1.194	875	0
3	N	1.245	1.613	2.078	1.645	1463	1404
3	N	1.099	0.000	0.000	1.099	359	0
3	N	1.667	1.472	1.969	1.703	1694	1455
3	N	0.867	1.444	1.220	1.177	1513	1500
3	N	1.293	0.000	0.000	1.293	687	0
3	N	1.911	1.152	1.024	1.362	543	434
3	N	1.580	1.237	0.880	1.232	1022	791
3	N	1.730	1.848	1.172	1.583	460	354
3	N	1.761	1.506	1.463	1.577	2776	2394
3	N	1.886	1.109	1.326	1.440	441	365
3	N	1.420	1.040	1.643	1.368	3976	3007
3	N	2.209	1.371	1.043	1.552	2243	1261
3	N	1.105	1.250	0.948	1.101	1994	1719
3	N	1.103	1.114	1.008	1.072	3795	3714
3	N	1.616	1.576	1.406	1.533	21294	18134
3	N	1.922	1.349	0.868	1.333	4490	2964
3	N	1.640	2.227	1.278	1.715	263	204
3	N	1.960	1.164	1.644	1.713	1070	755
3	N	1.372	1.664	0.609	1.215	870	844
3	N	1.267	0.000	0.009	1.213	192	0
3	N	1.510	2.125	1.340	1.658	551	518
3	N N	1.235	1.500	1.413	1.038	1215	1134
3	N N	1.233	1.271	1.125	1.245	189	159
3							
	N	2.056	1.600	0.800	1.485	132	90
3	N	1.367	0.000	0.000	1.367	121	0
3	N	1.639	1.800	0.000	1.720	474	424
3	N	1.963	1.233	0.787	1.328	492	169
3	N	1.823	1.333	1.115	1.424	693	503
3	N	1.406	0.000	0.000	1.406	227	0

3	N	1.239	1.288	1.269	1.265	1561	1431
3	N	1.412	1.653	1.694	1.586	665	636
3	N	1.636	1.595	1.222	1.484	6621	5834
3	N	1.797	1.192	0.852	1.280	3488	2425
3	N	1.253	0.000	0.000	1.253	531	0
3	N	1.839	1.312	0.962	1.371	2128	1628
3	N	2.376	1.549	1.028	1.651	9102	7514
3	N	1.686	1.369	1.360	1.472	4204	3308
3	N	1.314	1.274	0.991	1.193	5955	6014
3	N	1.742	1.518	1.156	1.472	2607	2010
3	N	1.742	0.923	1.223	1.137	2312	1925
3							
	N	1.829	1.483	1.936	1.749	1165	939
3	N	1.102	0.000	0.000	1.102	183	0
3	N	1.603	1.123	0.779	1.168	4183	3771
3	N	2.316	1.695	1.241	1.751	302	194
3	N	0.571	1.581	1.111	1.088	251	194
3	N	1.416	1.264	0.883	1.188	1259	977
3	N	1.485	1.112	1.103	1.233	730	441
3	N	1.522	1.549	1.135	1.402	5098	4120
3	N	1.704	1.481	1.311	1.499	1701	1511
3	N	2.006	1.454	1.116	1.525	5085	4227
3	N	1.667	1.474	1.222	1.454	3427	3360
3	N	1.330	1.512	1.382	1.408	1596	1345
3	N	1.269	1.272	1.170	1.237	1330	1155
3	N	1.808	1.755	1.238	1.600	6184	5602
3	N	1.312	1.273	1.242	1.276	1366	1280
3	N	1.681	1.860	1.107	1.549	1876	1421
3	N	1.524	2.014	0.899	1.479	1711	1647
3	N	1.394	1.000	0.880	1.091	2241	2016
3	N	1.144	1.220	0.887	1.084	1702	1479
3	N	1.454	1.033	0.779	1.089	514	423
3	N	1.201	1.304	0.829	1.111	3615	3341
3	N				1.543		
3	N	1.488	1.028	0.737	1.084	829	680
3	N	1.034	1.413	1.094	1.180	636	461
3	N	1.440	1.223	0.934	1.199	6259	5822
3	N	1.989	0.747		1.199	604	376
3	N	1.004	1.791	1.154	1.316	941	897
3	N	0.806	0.884	1.500	1.063	420	373
3	N	1.456	0.947	0.841	1.081	2113	1255
3	N	1.430	0.879	0.969	1.048	307	178
3	N	1.943	1.871		1.692		2543
3	N	1.745	1.480	1.144	1.456	1398	
							1220
3	N	2.034	1.155	0.875	1.355	11695	7562
	N	1.750	0.000	0.000	1.750	136	0
3	N	1.317	1.486	0.853	1.219	1217	1211
3	N	0.812	1.768	1.179	1.253	530	591
3	N	1.508	1.246	1.458	1.404	539	445
3	N	1.048	1.393	1.171	1.204	2369	2552
3	N	1.433	1.240	1.386	1.353	3423	3095
3	N	2.866	1.089	1.090	1.682	1246	1147

3	N	0.970	1.140	1.009	1.040	15558	17517
3	N	1.292	0.000	0.000	1.292	114	()
3	N	1.612	1.091	0.795	1.166	392	309
3	N	1.593	1.590	0.834	1.339	2795	2270
3	N	1.944	1.813	1.180	1.646	6791	5036
3	N	1.857	1.726	1.575	1.719	1077	943
3	N	1.531	1.096	0.936	1.188	1735	1347
3	N	1.444	1.397	0.762	1.201	1483	1192
3	N	1.240	1.200	0.969	1.136	552	449
3	N	1.256	1.102	0.986	1.115	3479	2786
3	N	1.416	1.604	1.484	1.501	4621	4167
3	N	1.370	1.622	1.159	1.384	3593	3162
3	N	1.104	0.000	0.000	1.104	53	0
3	N	1.831	1.354	0.911	1.365	1848	1340
3	N	1.817	1.854	1.259	1.643	4082	3626
3	N	1.857	1.699	1.506	1.687	6837	6811
3	N	0.978	1.172	0.989	1.046	1076	997
3	N	1.371	1.537	1.571	1.493	163	74
3	N	1.588	0.993	0.778	1.120	1075	807
3	N	1.324	1.457	1.500	1.427	712	697
3	N	0.976	1.273	0.906	1.052	749	599
3	N	2.229	1.476	1.095	1.600	1581	1302
3	N	1.059	0.000	0.000	1.059	136	()
3	N	1.091	0.000	0.000	1.091	58	()
3	N	2.040	1.600	1.244	1.628	407	274
3	N	1.236	1.278	0.811	1.108	2302	2369
3	N	2.078	1.747	1.324	1.716	3953	3003
3	N	1.289	1.883	1.214	1.462	1701	1599
3	N	1.193	1.312	0.950	1.152	1350	1524
3	N	1.300	1.312	0.896	1.169	1586	1246
3	N	1.148	0.000	0.000	1.148	313	()
3	N	1.140	1.232	0.869	1.080	4293	4840
3	N	1.759	1.866	1.398	1.674	2159	1930
3	N	1.798	1.785	1.309	1.631	1250	1235
3	N	1.081	1.466	1.066	1.204	1682	1684
3	N	1.379	1.832	1.140	1.450	979	904
3	N	1.750	0.000	0.000	1.750	62	0
3	N	1.200	0.000	0.000	1.200	176	0
3	N	0.896	1.494	1.180	1.190	478	542
3	N	1.661	2.258	1.190	1.703	711	708
3	N	1.581	1.610	1.340	1.510	2315	1968
3	N	1.173	1.203	1.115	1.164	2982	2764
3	N	1.176	1.164	0.933	1.091	1091	1062
3	N	1.122	1.253	1.011	1.129	1141	1159
3	N	1.230	1.024	0.938	1.064	4565	4403
3	N	1.310	0.919	1.551	1.260	5275	4450
3	N	1.782	1.848	0.768	1.466	1100	811
3	N	1.471	1.929	1.229	1.543	454	318
3	N	1.741	0.000	0.000	1.741	98	0
3	N	2.242	1.673	1.102	1.672	1317	1168
3	N	1.420	2.043	1.204	1.556	6707	6312

3	N	1.320	1.436	1.104	1.287	3620	3487
3	N	1.512	2.070	1.302	1.628	14477	17868
3	N	1.230	1.466	0.776	1.157	4011	4370
3	N	1.947	1.278	1.610	1.612	962	809
3	N	1.294	1.083		1.071		1896
3	N	1.160	1.151		1.071	478	483
3	N	1.298		0.903	1.427	7818	
3			2.058				9001
	N	1.614	2.356	1.232	1.734	287	227
3	N	1.694	1.939	1.436	1.690		
3	N	1.061	1.129		1.050		14573
3	N	1.705	1.341	1.899	1.648	544	470
3	N	1.591	1.518	1.107	1.405		9483
3	N	1.733	1.916	1.146	1.598	3041	3003
3	N	1.161	1.289	0.857	1.102	6906	6613
3	N	1.938	1.875	1.289	1.701	10890	9142
3	N	1.331	1.315	1.303	1.316	2569	2068
3	N	2.033	1.350	0.868	1.417	2379	1899
3	N	2.016	1.375	0.864	1.418	1507	1169
3	N	1.488	1.308	1.191	1.329	5789	6060
3	N	2.331	1.614	0.908	1.618	1907	1624
3	N	1.717	1.070	0.000	1.394		218
3	N	1.255	0.000		1.255		0
3	N	1.474	1.496	1.027	1.332		3067
3	N	1.535	0.945	0.000	1.240	905	720
3	N	1.225	1.504	0.983	1.237		4304
3	N		1.852	1.500	1.712		
		1.783				2412	2003
3	N	1.841	0.696	0.770	1.102	736	566
3	N	1.821	1.200	0.581	1.201	1264	1045
3	N	1.318	1.041	0.907	1.089	1139	796
3	N	1.189	1.332				
3	N	1.347		0.776	1.175	671	664
3	N	1.853	1.678	1.143	1.558	1562	1331
3	N			1.366		652	443
3	N	2.090	1.708	1.220	1.673	1686	1249
3	N	2.011	2.389	0.836	1.745	727	703
3	N	1.300	1.971	1.750	1.674	307	266
3	N	1.213	0.909	0.000	1.061	311	204
3	N	1.600	1.366	1.186	1.384	760	689
3	N	1.928	1.016	0.701	1.215	1783	1080
3	N	1.360	1.366	0.966	1.231	4071	3618
3	N	1.602	1.556	1.117	1.425	3765	3177
3	N	1.172	1.065	0.941	1.059	2986	2407
3	N	1.090	0.000	0.000	1.090	215	0
3	N	1.498	1.335	1.283	1.372	2594	2383
3	N	1.274	1.824	1.319	1.472	650	573
3	N	1.301	1.398	0.824	1.174	2604	2485
3	N	1.681	0.000	0.000	1.681	168	0
3	N	1.956	1.576	1.120	1.551	5189	4477
3	N	1.288	1.077	1.013	1.126	3668	3292
3							
	N	1.196	1.017	0.970	1.061	1953	1448
3	N	1.234	1.184	0.750	1.056	302	230

3	N	2.988	0.901	0.488	1.459	669	493
3	N	1.301	1.135	0.706	1.047	1682	1295
3	N	1.494	0.881	0.942	1.106	408	247
3	N	1.207	0.000	0.000	1.207	199	()
3	N	1.750	1.221	1.105	1.359	1263	941
3	N	1.537	1.458	0.879	1.291	2803	2196
3	N	1.906	1.560	1.637	1.701	1577	1456
3	N	1.770	1.683	1.048	1.500	1899	1451
3	N	1.053	1.200	0.000	1.127	113	94
3	N	1.698	1.103	0.969	1.257	980	584
3	N	2.135	1.510	1.455	1.700	26784	19132
3	N	1.803	1.504	1.137	1.481	8879	7421
3	N	1.697	1.540	1.417	1.551	6076	5416
3	N	1.981	1.611	1.107	1.566	2238	1766
3	N	1.926	1.691	0.833	1.483	522	470
3	N	1.914	1.635	1.651	1.733	523	477
3	N	2.045	1.682	1.426	1.718	5457	4920
3	N	1.304	1.244	1.185	1.244	3279	2929
3	N	0.899	1.256	0.981	1.045	721	486
3	N	1.428	1.283	1.320	1.344	4860	4090
3	N	1.047	1.139	1.172	1.119	1032	993
3	N	1.384	1.240	0.966	1.197	1975	1769
3	N	1.580	0.812	0.844	1.079	539	352
3	N	2.090	1.580	1.562	1.744	11930	10507
3	N	1.256	1.380	0.821	1.152	1700	1732
3	N	1.601	1.489	1.255	1.448	16118	14758
3	N	1.474	0.976	1.151	1.200	403	333
3	N	1.031	0.995	1.150	1.059	3567	3678
3	N	0.959	1.421	1.202	1.194	5345	5323
3	N	1.478	1.272	0.876	1.209	5878	5648
3	N	1.098	1.007	1.314	1.140	1190	913
3	N	1.752	1.235	1.570	1.519	1215	852
3	N	1.706	1.648	1.080	1.478	939	729
3	N	2.102	0.821	0.000	1.462	566	182
3	N	1.177	1.293	1.610	1.360	2180	2190
3	N	1.420	1.143	0.816	1.126	14088	11836
3	N	1.471	1.181	1.081	1.244	23610	21317
3	N	1.955	1.508	1.581	1.681	6044	5054
3	N	1.437	1.331	1.220	1.329	1074	804
3	N	0.869	1.532	1.103	1.168	2747	2834
3	N	1.890	1.314	1.168	1.457	1660	1594
3	N	1.612	1.409	1.565	1.529	5049	4726
3	N	1.256	0.000	0.000	1.256	122	0
3	N	1.111	1.000	1.265	1.125	375	299
	N	1.252	1.449	1.319	1.340	19033	19444
3	N	1.933	1.501	1.643	1.692	14092	11173
3	N	1.489	0.941	0.701	1.044	556	367
3	N	1.189	1.103	0.899	1.064	10115	9017
3	N	1.571	1.129	1.099	1.266	627	505
3	N	1.586	1.586	1.524	1.565	10171	9709
3	N	1.238	0.000	0.000	1.238	256	()

3	N	2.235	1.606	1.323	1.721	2022	1620
3	N	1.265	1.050	1.000	1.105	605	438
3	N	1.386	1.333	1.304	1.341	10326	9644
3	N	1.393	1.433	1.300	1.375	3209	3051
3	N	1.821	1.597	1.535	1.651	2164	1617
3	N	1.414	1.364	1.024	1.267	16255	15247
3	N	2.320	1.033	1.621	1.658	714	423
3	N	2.212	1.484	0.710	1.469	615	519
3	N	1.340	1.241	0.710	1.127	1806	1570
3							
	N	1.308	1.268	1.013	1.196	1222	1068
3	N	1.338	1.200	1.204	1.247	1370	1106
3	N	1.297	1.173	1.278	1.249	7332	7293
3	N	1.460	1.445	1.419	1.441	10072	11006
3	N	1.326	1.342	0.832	1.167	771	757
3	N	1.164	1.275	1.030	1.156	1868	1516
3	N	1.043	1.485	1.081	1.203	2286	1975
3	N	1.143	1.588	1.312	1.348	954	701
3	N	2.211	1.733	0.844	1.596	773	550
3	N	1.600	1.088	0.816	1.168	918	1033
3	N	1.640	1.679	1.623	1.647	5370	4893
3	N	1.742	1.925	1.368	1.678	2039	1891
3	N	1.488	1.041	0.000	1.265	149	65
3	N	1.901	1.806	1.457	1.721	32073	28176
3	N	1.416	1.225	0.932	1.191	2124	1494
3	N	1.518	1.107	1.028	1.218	2569	1618
3	N	1.879	1.812	1.484	1.725	8662	7786
3	N	1.740	1.577	1.330	1.549	7636	7079
3	N	1.117	1.126	1.130	1.124	312	236
3	N	1.111	1.500	1.071	1.227	593	553
3	N	1.317	1.493	1.297	1.369	6352	6207
3	N	1.407	1.437	0.839	1.228	2786	2292
3	N	1.198	1.434	0.803	1.145	1214	1051
3	N	1.090	1.139	1.424	1.218	565	511
3	N	1.564	1.389	1.278	1.410	12494	11338
3	N	1.634	1.780	1.667	1.694	2219	1872
3	N	1.488	1.583	1.503	1.525	5616	5515
3	N	1.117	1.290	1.011	1.139	2984	2774
3	N	1.626	1.839	1.651	1.705	1832	1654
3	N	1.025	1.229	0.912	1.055	1483	1242
3	N	1.333	1.022	0.939	1.098	2997	2085
3	N	0.964	1.500	1.000	1.155	170	124
3	N	1.013	1.619	0.586	1.073	840	794
3	N	1.323	1.388	1.158	1.290	1631	1404
3	N	1.008	1.110	0.000	1.059	173	87
3	N	1.900	1.000	0.538	1.146	112	54
3	N	1.323	1.198	1.131	1.217	1427	1184
3	N	1.536	1.333	1.385	1.418	792	666
3	N	1.440	1.234	0.865	1.180	4108	2946
3	N	1.658	1.295	1.045	1.333	2195	2002
3	N	1.117				1806	1826
3	N	1.238					

3	N	1.423	1.103	0.671	1.066	324	268
3	N	0.935	1.130	1.159	1.075	286	228
3	N	1.262	1.103	0.872	1.079	1390	1279
3	N	1.728	1.714	1.519	1.654	4552	4438
3	N	1.168	1.136	1.011	1.105	409	322
3	N	1.108	1.359	1.212	1.226	1480	1967
3	N	0.951	1.402	0.789	1.047	1210	1155
3	N	1.125	1.309	0.825	1.086	1350	1205
3	N	1.293	1.367	0.515	1.058	471	402
3	N	1.303	1.559	0.853	1.238	4545	4256
3	N	1.560	1.524	0.616	1.233	1154	1160
3	N	1.554	0.865	0.000	1.210	801	497
3	N	1.273	1.384	1.486	1.381	8233	7235
3	N	1.228	1.205	0.000	1.217	8574	8068
3	N	2.016	1.690	0.885	1.530	1012	891
3	N	1.532	2.017	1.504	1.684	2793	2376
3	N	1.194	1.054	1.058	1.102	2007	1695
3	N	1.134	1.034	1.272	1.102	7163	6855
3	N	1.667	1.736	1.357	1.233	2296	2082
3							
3	N	1.745	1.766	1.130	1.547	7160 1043	6874
3	N	1.221	1.105	1.162	1.163		732
	N	1.669	1.375	1.540	1.528	3153	2526
3	N	0.973	1.267	1.054	1.098	3346	3238
3	N	2.226	1.663	1.213	1.701	4810	2933
3	N	0.931	1.625	1.538	1.365	277	257
3	N	0.727	2.000	0.846	1.191	244	257
3	N	1.521	1.738	1.384	1.548	19371	19770
3	N	1.361	1.214	0.633	1.069	1526	1364
3	N	1.687	1.371	0.804	1.287	1129	898
3	N	1.459	1.269	0.832	1.187	936	870
3	N	2.599	1.267	1.270	1.712	1565	1102
3	N	1.327	1.426	1.030	1.261	1086	888
3	N	1.253	1.434	1.899	1.529	4920	5108
3	N	1.674			1.582	9492	9282
3	N	0.626			1.124	466	386
3	N	1.028	1.139	1.048	1.072	3697	3343
3	N	1.614	1.459		1.461	5451	4634
3	N	0.642	1.620	1.365	1.209	1153	990
3	N	1.135	1.256	0.737	1.043	3980	3752
3	N	1.749	1.743	1.512	1.668	4735	4504
3	N	1.533	0.000	0.000	1.533	241	()
3	N	1.632	1.053		1.281	253	129
3	N	1.340	1.182	0.620	1.047	1526	1163
3	N	2.011	1.607	1.519	1.712	5723	4340
3	N	2.068	1.500	1.583	1.717	376	265
3	N	1.516	1.280	0.590	1.129	1352	1129
3	N	2.276	1.467	1.075	1.606	870	750
3	N	1.467	1.049	0.778	1.098	250	181
3	N	1.715	1.832	1.352	1.633	1926	1558
3	N	1.706	1.082	0.875	1.221	867	705
3	N	1.214	1.118	1.319	1.217	844	592

3	N	1.958	1.270	1.000	1.409	915	735
3	N	1.479	1.534	1.427	1.480	2884	2068
3	N	1.512	1.767	1.242	1.507	991	742
3	N	2.038	2.043	0.960	1.680	82	61
3	N	1.690	1.423	1.025	1.379	3247	2497
3	N	1.664	1.385	1.345	1.465	1857	1550
3	N	2.345	1.483	1.000	1.609	672	481
3	N	1.771	1.509	1.395	1.558	12858	10522
3	N	1.342	1.271	0.779	1.131	436	331
3	N	1.016	0.909	1.225	1.050	1904	1817
3	N	1.737	1.490	0.691	1.306	1556	1407
4	N	0.293	0.352	0.478	0.374	261	252
4	N	0.760	0.781	0.717	0.753	550	473
4	N	0.896	0.568	0.670	0.711	1961	1672
4	N	0.874	0.895	0.665	0.811	1859	1929
4	N	0.758	0.000	0.000	0.758	72	0
4	N	0.280	0.163	0.108	0.184	1036	846
4	N	0.595	0.000	0.000	0.595	101	0
4	N	0.685	0.848	0.573	0.702	370	407
4	N	0.600	0.000	0.000	0.600	196	0
4	N	0.684	1.029	0.000	0.857	501	437
4	N	0.004	0.000	0.000	0.000	191	0
4	N	0.508	0.374	0.289	0.390	1462	1212
4	N	0.923	0.789	0.289	0.390	863	734
4		0.923	0.789	0.449	0.837		
	N					1038	975
4	N	0.309	0.000	0.000	0.309	63	0
4	N	0.344	0.424	0.333	0.367	612	554
4	N	0.642	0.708 0.476	1.074	0.808	192	120
4	N	0.756		0.400	0.544	293	246
4	N	0.311	0.270	0.314	0.298	98	81
4	N	0.500	0.404	0.318	0.407	126	131
4	N	0.393	0.267	0.231	0.297	191	167
4	N	0.509	0.000	0.000	0.509	47	0
4	N	1.045	1.188	0.529	0.921	991	897
4	N	0.199	0.129	0.176	0.168	361	322
4	N	0.847	0.970	0.000	0.909	56	32
4	N	0.769	0.979	0.833	0.860	525	484
4	N	0.636	0.716	0.494	0.615	328	237
4	N	0.629	0.737	0.504	0.623	486	488
4	N	0.465	0.513	0.267	0.415	215	151
4	N	0.412	0.292	0.414	0.373	355	395
4	N	0.674			0.651	639	496
4	N	0.150	0.048	0.057	0.085	124	72
4	N	0.508	0.371	0.357	0.412	394	348
4	N	0.565	0.547	0.456	0.523	1961	1155
4	N	0.191	0.189	0.093	0.158	169	153
4	N	0.755	0.608	0.585	0.649	461	310
4	N	0.636	0.477	0.279	0.464	357	274
4	N	1.018	0.691	1.304	1.004	1180	814
4	N	0.990	1.025		1.001		9941
4	N	0.076	0.183	0.282	0.180	119	104

4	N	0.000	0.015	0.009	0.012	20	28
4	N	0.917	0.825	0.756	0.833	1762	1530
4	N	0.268	0.324	0.220	0.271	1652	1808
4	N	0.152	0.164	0.265	0.194	350	323
4	N	0.408	0.591	0.279	0.426	665	678
4	N	0.814	0.759	1.475	1.016	343	267
4	N	0.250	0.551	0.182	0.328	448	446
4	N	0.893	0.722	0.588	0.734	734	583
4	N	0.604	0.831	0.442	0.626	1082	1008
4	N	0.325	0.333	0.206	0.288	232	238
4	N	0.423	0.514	0.361	0.433	246	220
4	N	0.437	0.418	0.293	0.383	575	580
4	N	0.525	0.500	0.528	0.518	336	253
4	N	0.580	0.795	0.753	0.709	621	484
4	N	0.935	0.712	0.520	0.722	322	320
4	N	0.188	0.333	0.130	0.217	106	121
4	N	0.988	0.775	0.500	0.754	534	407
4	N	0.515	0.000	0.000	0.515	60	0
4	N	0.338	0.333	0.242	0.304	229	200
4	N	0.306	0.519	0.333	0.386	402	395
4	N	0.187	0.230	0.184	0.200	129	119
4	N	0.306	0.000	0.000	0.306	82	0
4	N	0.939	0.932	0.857	0.909	487	436
4	N	0.057	0.119	0.634	0.270	592	482
4	N	0.037	0.119	0.054	0.200	382	326
4	N	0.600	0.252	0.437	0.533	359	281
4	N	0.432	0.302	0.000	0.333	95	16
4	N	0.432	0.141	0.413	0.500	223	196
4	N	0.562	0.493	0.368	0.300	212	205
4	N	0.378	0.000	0.000	0.437	176	0
4	N	0.062	0.063	0.024	0.578	234	260
4	N N	0.062	0.003	0.024	0.030	638	486
4							
4	N	0.023 0.341	0.058	0.012	0.031	24 420	35 486
4	N N	0.631	0.330 0.434	0.385	0.352 0.457	209	174
4	N N	0.051					881
4	N N	0.231	0.236	0.252	0.246 0.477	984	
4	N N	0.783	0.627 0.858	0.463 0.603	0.477	307	237
4						1438	1232
	N	0.626	0.000	0.000	0.626	219	0
4	N	0.194	0.000	0.000	0.194	120	0
4	N	0.200	0.000	0.000	0.200	57	0
4	N	0.210	0.000	0.000	0.210	161	0
4	N	0.767	0.915	1.028	0.903	873	606
4	N	0.456	0.492	0.453	0.467	509	659
4	N	0.222	0.000	0.000	0.222	188	0
4	N	0.022	0.026	0.076	0.041	52	41
4	N	0.615	0.446	0.617	0.559	488	484
4	N	0.620	0.422	0.000	0.521	66	38
4	N	0.291	0.000	0.000	0.291	129	0
4	N	0.389	0.429	0.000	0.409	13	13
4	N	0.350	0.531	0.000	0.441	199	172

4	N	0.571	0.475	0.448	0.498	506	473
4	N	0.752	0.560	0.520	0.611	791	673
4	N	0.411	0.386	0.366	0.388	347	318
4	N	0.915	0.705	0.000	0.810	195	135
4	N	0.000	0.000	0.000	0.000	272	0
4	N	0.099	0.069	0.085	0.084	99	51
4	N	0.630	0.497	0.463	0.530	2694	2630
4	N	0.402	0.291	0.375	0.356	1151	977
4	N	0.302	0.389	0.151	0.281	84	81
4	N	0.724	1.315	0.658	0.899	941	1175
4	N	0.353	0.255	0.158	0.255	593	563
4	N	0.033	0.014	0.013	0.020	20	9
4	N	0.320	0.262	0.113	0.232	353	385
4	N	0.727	0.567	0.647	0.647	224	231
4	N	0.649	0.644	0.488	0.594	192	148
4	N	0.642	0.935	0.545	0.707	771	849
4	N	0.130	0.025	0.089	0.081	113	70
4	N	0.130	0.000	0.000	0.688	124	0
4	N	0.387	0.346	0.353	0.068	303	211
4	N	0.586	0.585	0.353	0.540	1487	1356
4	N	0.348	0.363	0.430	0.340	1507	1312
4	N N	0.546	0.370	0.330	0.367	1510	1312
4							
	N	1.223	0.989	0.837	1.016	3076	2657
4	N	0.122	0.088	0.184	0.131	224	185
4	N	0.180	0.199	0.115	0.165	92	153
4	N	0.097	0.127	0.122	0.115	171	160
4	N	0.517	0.315	0.401	0.411	1068	873
4	N	0.118	0.000	0.000	0.118	18	0
4	N	0.159	0.000	0.000	0.159	16	0
4	N	0.260	0.430	0.325	0.338	245	175
4	N	0.070	0.000	0.000	0.070	17	0
4	N	0.294	0.000	0.000	0.294	123	0
4	N	0.786	0.707	0.596	0.696	1180	934
4	N	0.693	0.572	0.462	0.576	615	458
4	N	0.156	0.148	0.120	0.141	205	214
4	N	0.953	0.968	0.957	0.959	298	249
4	N	0.794	0.396	0.456	0.549	346	293
4	N	0.500	0.464	0.292	0.419	113	129
4	N	0.500	0.425	0.222	0.382	129	85
4	N	0.080	0.151	0.221	0.151	173	210
4	N	0.695	0.591	0.424	0.570	324	277
4	N	0.077	0.222	0.294	0.198	106	76
4	N	1.026	0.692	0.290	0.669	200	139
4	N	0.824	1.000	0.619	0.814	900	962
4	N	1.130	0.843	0.650	0.874	459	359
4	N	0.547	0.526	0.530	0.534	1047	1041
4	N	1.142	0.877	0.984	1.001	3284	2512
4	N	0.011	0.005	0.010	0.009	7	5
4	N	0.595	0.756	0.436	0.596	808	666
4	N	0.460	0.441	0.226	0.376	364	333
4	N	0.670	0.690	0.911	0.757	476	408

4	N	0.455	0.550	0.547	0.517	203	181
4	N	0.203	0.388	0.310	0.300	172	91
4	N	0.933	0.884	0.391	0.736	2204	1929
4	N	0.701	0.619	0.497	0.606	734	624
4	N	0.441	0.351	0.351	0.381	57	36
4	N	0.475	0.284	0.130	0.296	205	172
4	N	0.007	0.031	0.016	0.018	17	15
4	N	0.787	0.731	0.523	0.680	1138	1001
4	N	1.491	1.057	0.554	1.034	3161	2389
4	N	0.456	0.492	0.349	0.432	131	95
4	N	0.619	0.421	0.429	0.490	50	39
4	N	1.192	0.997	0.720	0.970	4852	3712
4	N	0.486	0.909	1.094	0.830	304	320
4	N	0.886	0.973	0.714	0.858	573	533
4	N	1.373	1.074	0.509	0.985	489	386
4	N	0.222	0.277	0.370	0.290	99	109
4	N	1.033	0.783	0.880	0.899	1207	1044
4	N	0.959	0.611	0.482	0.684	354	311
4	N	0.021	0.057	0.462	0.030	7	8
4	N	0.673	0.699	0.000	0.686	267	288
4	N	0.378	0.689	0.495	0.521	415	401
4	N	0.378	0.068	0.493	0.037	92	104
4	N	0.632	0.357	0.018	0.037	185	131
4	N	0.032	0.557	0.387	0.479	169	152
4	N N	0.755	0.821	0.587			
					0.823	3649	3461 82
4	N N	0.229	0.074	0.152	0.152	111	
4	N	0.780	0.494	0.655	0.643	534	384
4	N N	0.602	0.472	0.448	0.507	249	148
4	N	0.333	0.909	0.167	0.470	48	91
4	N	0.000	0.000	0.000	0.000	27	0
4	N	0.825	0.745	0.681	0.750	846	836
4	N	0.983	1.115	1.017	1.038	846	667
4	N	0.407	0.324	0.333	0.355	327	331
4	N	0.700	0.961	0.236	0.632	127	120
4	N	0.857	0.875	0.771	0.834	432	418
4	N	0.077	0.024	0.048	0.050	116	108
4	N	0.062	0.000	0.000	0.062	26	0
4	N	0.054	0.000	0.000	0.054	13	0
4	N	0.614	0.000	0.000	0.614	183	0
4	N	0.145	0.165	0.165	0.158	126	120
4	N	0.024	0.012	0.023	0.020	26	16
4	N	0.056	0.000	0.000	0.056	59	0
4	N	0.333	0.378	0.165	0.292	138	126
4	N	0.071	0.102	0.067	0.080	187	170
4	N	0.349	0.376	0.194	0.306	274	205
4	N	1.259	0.952	0.446	0.886	2140	1587
4	N	0.865	0.835	0.727	0.809	893	876
4	N	0.612	0.792	0.688	0.697	296	365
4	N	0.188	0.074	0.019	0.094	63	63
4	N	0.180	0.115	0.079	0.125	116	104
4	N	0.141	0.067	0.020	0.076	84	73

4	N	1.042	1.130	0.600	0.924	339	292
4	N	0.557	0.392	0.344	0.431	197	143
4	N	0.928	0.920	0.859	0.902	578	418
4	N	0.026	0.005	0.020	0.017	30	18
4	N	0.439	0.000	0.000	0.439	247	0
4	N	0.250	0.000	0.000	0.250	141	0
4	N	0.491	0.271	0.190	0.317	169	103
4	N	1.094	0.868	0.265	0.742	558	330
4	N	1.395	0.863	0.270	0.843	162	75
4	N	0.651	0.488	0.337	0.492	703	574
4	N	0.704	1.155	0.316	0.725	396	412
4	N	0.945	0.441	0.565	0.650	816	487
4	N	0.205	0.000	0.034	0.120	70	47
4	N	0.184	0.412	0.000	0.120	192	205
4	N	0.104	0.009	0.000	0.276	79	55
4	N	0.241	0.059	0.000	0.150	23	2
4	N	0.357	0.435	0.200	0.130	111	106
4	N	0.814	1.109	0.200	0.953	600	604
4	N	0.703	1.013	1.153	0.955	571	546
4	N	1.200	1.202	0.712	1.038	740	651
4	N N	0.838	0.885	0.712	0.775	1235	1045
4	N	0.326	0.360	0.001	0.773	188	249
4	N			0.129	0.272		
		0.453 0.885	0.472			856	1000
4	N		1.055	0.619	0.853	1776	1527
4	N	0.732	0.976	0.000	0.854	515	403
4	N	0.488	0.535	0.526	0.516	264	229
4	N	0.500	0.268	0.400	0.389	220	175
4	N	1.234	1.037	0.774	1.015	2195	1758
4	N	1.231	0.717	0.413	0.787	332	261
4	N	0.835	0.934	0.726	0.832	1945	1904
4	N	0.447	0.562	0.427	0.479	4338	4687
4	N	0.531	0.577	0.659	0.589	297	242
4	N	0.161	0.182	0.212	0.185	265	251
4	N	0.581	0.439	0.402	0.474	572	398
4	N	0.104	0.094	0.070	0.089	298	218
4	N	1.262	0.989	0.714	0.988	1540	1417
4	N	1.196	0.960	0.843	1.000	784	556
4	N	1.259	0.761	0.514	0.845	1073	731
4	N	0.366	0.273	0.100	0.246	236	162
4	N	1.266	0.882	0.628	0.925	2109	1893
4	N	0.088	0.162	0.145	0.132	456	569
4	N	0.721	0.819	0.747	0.762	426	466
4	N	1.021	0.776	0.923	0.907	565	477
4	N	0.460	0.618	0.696	0.591	241	256
4	N	0.341	0.410	0.225	0.325	252	302
4	N	0.952	0.511	0.561	0.675	433	275
4	N	0.521	0.558	0.659	0.579	276	309
4	N	0.467	0.702	0.632	0.600	726	709
4	N	0.401	0.365	0.358	0.375	368	279
4	N	0.422	0.902	1.227	0.850	2932	2778
4	N	0.426	0.550	0.351	0.442	1784	1959

4	N	1.255	1.149	0.698	1.034	374	341
4	N	1.111	0.800	0.689	0.867	397	349
4	N	0.391	0.170	0.157	0.239	116	92
4	N	0.165	0.291	0.172	0.209	128	134
4	N	0.220	0.190	0.161	0.190	106	92
4	N	0.710	0.680	0.497	0.629	353	219
4	N	0.615	0.715	0.693	0.674	1314	1025
4	N	1.122	0.828	1.058	1.003	3251	2446
4	N	0.696	0.695	0.945	0.779	1267	1101
4	N	0.217	0.211	0.000	0.214	121	123
4	N	0.070	0.064	0.061	0.065	194	128
4	N	0.526	0.462	0.468	0.485	691	540
4	N	1.069	1.197	0.580	0.465	3985	3997
4	N	1.009	0.667	0.915	0.949	747	596
4	N N	0.286	0.007	0.913	0.801	397	336
4	N	0.434	0.368	0.301	0.368	397	340
4	N	0.381	0.529	0.414	0.441	315	366
4	N	0.103	0.000	0.000	0.103	49	0
4	N	0.926	0.913	0.982	0.940	667	705
4	N	0.760	0.463	0.319	0.514	544	515
4	N	0.786	0.873	0.485	0.715	1338	1103
4	N	0.089	0.000	0.000	0.089	36	0
4	N	0.841	0.792	0.776	0.803	804	614
4	N	0.117	0.000	0.000	0.117	37	0
4	N	0.351	0.268	0.346	0.322	148	80
4	N	0.333	0.340	0.268	0.314	141	136
4	N	1.224	0.637	0.579	0.813	452	281
4	N	0.185	0.231	0.178	0.198	565	575
4	N	0.542	0.815	0.533	0.630	54	57
4	N	0.374	0.231	0.331	0.312	400	252
4	N	0.295	0.340	0.340	0.325	108	83
4	N	0.643	1.225	0.776	0.881	284	469
4	N	0.727	0.529	0.360	0.539	455	484
4	N	0.738	0.603	0.592	0.644	218	200
4	N	1.096	0.890	0.825	0.937	2141	1918
4	N	1.172	1.000	0.803	0.992	718	573
4	N	0.825	0.000	0.000	0.825	55	()
4	N	0.944	0.968	0.902	0.938	1722	1789
4	N	0.942	0.985	0.734	0.887	2597	2693
4	N	0.848	1.037	0.792	0.892	2037	2325
4	N	0.822	1.400	0.815	1.012	1011	1035
4	N	1.025	0.978	0.832	0.945	4986	4783
4	N	1.007	0.957	0.765	0.910	1246	1142
4	N	1.010	1.373	0.707	1.030	2149	2224
4	N	0.488	0.450	0.395	0.444	122	99
4	N	0.361	0.302	0.055	0.239	120	54
4	N	0.510	0.482	0.436	0.476	296	216
4	N	0.359	0.427	0.252	0.346	1669	1743
4	N	0.535	0.608	0.436	0.526	1315	1397
4	N	0.366	0.437	0.287	0.363	1753	1716
4	N	0.396	0.369	0.245	0.337	1088	901

4	N	0.548	0.515	0.000	0.532	69	36
4	N	0.751	0.345	0.000	0.548	265	76
4	N	0.629	0.316	0.000	0.473	78	27
4	N	0.969	0.667	0.000	0.818	33	9
4	N	1.212	0.660	0.000	0.936	173	72
4	N	0.856	0.412	0.000	0.634	179	54
4	N	0.758	0.514	0.000	0.636	54	19
4	N	0.892	0.273	0.000	0.583	33	6
4	N	0.476	0.367	0.000	0.422	30	15
4	N	1.077	0.714	0.000	0.896	350	154
4	N	0.989	0.588	0.000	0.789	93	32
4	N	0.981	0.298	0.000	0.640	117	27
4	N	0.706	0.596	0.000	0.651	85	40
4	N	0.794	0.762	0.000	0.778	59	17
4	N	0.650	0.542	0.000	0.596	41	17
4	N	0.132	0.000	0.059	0.096	47	0
4	N	0.075	0.000	0.025	0.050	31	0
4	N	1.040	1.023	0.797	0.953	3226	2656
4	N	0.535	0.586	0.000	0.561	324	299
4	N	0.169	0.157	0.220	0.182	68	58
4	N	0.267	0.122	0.102	0.164	90	99
4	N	0.178	0.231	0.200	0.203	120	110
4	N	1.000	0.404	0.400	0.601	401	245
4	N	0.364	0.000	0.000	0.364	33	0
4	N	0.267	0.353	0.429	0.350	398	415
4	N	0.218	0.197	0.272	0.229	166	139
4	N	0.169	0.000	0.000	0.169	42	0
4	N	0.495	0.000	0.000	0.495	54	0
4	N	0.052	0.154	0.117	0.108	29	42
4	N	0.764	0.706	0.660	0.710	3271	2823
4	N	1.309	0.706	0.436	0.817	432	220
4	N	0.765	1.242	0.585	0.864	436	457
4	N	1.040	0.734	0.329	0.701	272	254
4	N	0.099	0.000	0.000	0.099	37	0
4	N	0.256	0.112	0.083	0.150	76	53
4	N	0.071	0.176	0.059	0.102	24	38
4	N	0.441	0.455	0.442	0.446	1740	1762
4	N	0.434	0.451	0.368	0.418	405	325
4	N	0.331	0.311	0.299	0.314	599	693
4	N	0.423	0.435	0.417	0.425	267	208
4	N	0.865	0.000	0.000	0.865	82	0
4	N	1.128	0.743	0.378	0.750	4602	2971
4	N	0.684	0.000	0.000	0.684	407	0
4	N	0.562	0.000	0.000	0.562	18	0
4	N	0.436	0.667	0.376	0.493	244	204
4	N	0.517	0.515	0.476	0.503	252	239
4	N	0.302	0.292	0.424	0.339	353	252
4	N	0.733	0.531	0.750	0.671	352	268
4	N	0.491	0.571	0.404	0.489	281	217
4	N	0.286	0.000	0.000	0.286	10	0
4	N	0.317		0.257	0.323	210	189

4	N	0.373	0.000	0.000	0.373	95	0
4	N	0.312	0.000	0.000	0.312	10	()
4	N	0.659	0.722	0.297	0.559	674	534
4	N	1.124	1.130	0.861	1.038	5131	5030
4	N	0.770	0.590	0.468	0.609	382	256
4	N	0.528	0.714	0.951	0.731	276	267
4	N	0.553	0.412	0.220	0.395	285	214
4	N	0.885	1.159	0.639	0.894	465	397
4	N	0.447	0.722	0.289	0.486	69	53
4	N	0.106	0.118	0.125	0.116	95	76
4	N	1.613	0.714	0.304	0.877	1156	742
4	N	0.430	0.567	0.377	0.458	915	937
4	N	0.903	0.000	0.000	0.903	311	0
4	N	0.903	1.044	0.452	0.800	366	406
4	N	0.820	1.020	0.615	0.818	499	494
4	N	1.313	0.910	0.878	1.034	1141	879
4	N	0.512	0.554	0.656	0.574	461	360
4	N	0.611	0.826	0.551	0.663	724	628
4	N	0.564	0.371	0.424	0.453	124	81
4	N	0.222	0.209	0.051	0.161	51	31
4	N	1.230	0.542	0.000	0.886	224	165
4	N	0.587	0.321	0.381	0.430	534	318
4	N	0.653	0.415	0.482	0.517	426	405
4	N	0.956	0.760	0.628	0.781	1652	1288
4	N	1.312	0.953	0.718	0.701	322	234
4	N	0.576	0.692	0.300	0.523	696	787
4	N	1.194	0.860	0.667	0.907	1309	1039
4	N	0.384	0.357	0.203	0.248	285	188
4	N	0.862	0.137	0.478	0.720	504	343
4	N	0.478	0.000	0.000	0.720	13	0
4	N	0.000	0.000	0.000	0.000	1	0
4	N	0.734	0.765	0.679	0.726	198	179
1	N	0.790	0.685	0.304	0.720	491	344
4	N	0.750	0.509	0.455	0.373	220	237
4	N	0.202	0.459	0.433	0.409	213	272
4	N	0.251	0.000	0.000	0.354	17	0
4	N	0.816	0.875	0.255	0.534	219	206
4	N	0.512	0.660	0.233	0.515	831	760
4	N	0.288	0.327	0.265	0.293	312	359
4	N	1.256	0.862	0.596	0.293	1628	1293
4	N	1.089	1.041	0.987	1.039	9359	9955
4	N	0.405	0.462	0.291	0.386	239	295
4	N	0.403	0.402	0.291	0.317	144	151
4	N	1.142	1.031	0.203	0.969	3601	2516
4	N	0.368	0.607	0.733	0.423	203	233
4	N	0.308	0.447	0.239	0.423	258	235
4	N N	0.327	0.447	0.239	0.338	438 66	0
4	N N	0.721	0.537	0.000	0.271	159	101
4	N	0.721	0.000	0.000	0.540	34	0
4	N N	0.500	0.634	0.492	0.500	1666	1414
4	N	0.286	0.429	0.281	0.332	168	108

4	N	0.061	0.295	0.136	0.164	92	110
4	N	1.147	1.000	0.376	0.841	990	750
4	N	0.684	0.000	0.000	0.684	59	0
4	N	0.480	0.389	0.183	0.351	534	489
4	N	1.168	0.500	0.300	0.656	305	168
4	N	0.637	0.521	0.730	0.629	480	430
4							0
	N	0.570	0.000	0.000	0.570	208	
4	N	0.256	0.353	0.181	0.263	248	248
4	N	2.042	0.617	0.113	0.924	254	154
4	N	0.329	0.242	0.334	0.302	753	706
4	N	0.659	0.463	0.268	0.463	215	201
4	N	0.349	0.224	0.268	0.280	102	93
4	N	0.929	0.426	0.446	0.600	526	377
4	N	0.844	0.800	0.836	0.827	497	416
4	N	0.692	0.416	0.360	0.489	189	83
4	N	0.155	0.134	0.254	0.181	70	80
4	N	0.505	0.265	0.130	0.300	101	65
4	N	0.365	0.435	0.438	0.413	733	697
4	N	1.000	0.575	0.348	0.641	444	339
4	N	0.208	0.000	0.000	0.208	7	0
4	N	0.902	0.817	0.739	0.819	4513	3902
4	N	0.386	0.462	0.518	0.455	399	375
4	N	1.175	0.869	0.852	0.965	1778	1659
4	N	0.688	0.685	1.000	0.791	1030	996
4	N	0.643	0.000	0.000	0.643	200	0
4	N	0.245	0.140	0.150	0.178	138	119
4	N	0.243	0.000	0.000	0.210	37	0
4	N	0.727	1.207	0.562	0.832	194	166
4	N	0.727	0.907	0.585	0.832	293	308
4	N	0.714		0.363	0.733		
			0.452			2187	1966
4	N	0.444	0.943	1.030	0.806	1597	1381
4	N	0.254	0.467	0.426	0.382	313	410
4	N	0.564	0.659	0.506	0.576	583	520
4	N	0.795	0.793	1.030	0.873	654	626
4	N	0.862	0.561	0.605	0.676	2553	2361
4	N	0.061	0.000	0.000	0.061	14	0
4	N	0.090	0.000	0.000	0.090	57	0
4	N	0.362	0.656	0.500	0.506	432	566
4	N	0.537	0.824	0.857	0.739	871	992
4	N	0.103	0.000	0.000	0.103	26	0
4	N	1.402	0.529	0.000	0.966	124	32
4	N	0.972	0.000	0.000	0.972	171	()
4	N	0.121	0.000	0.000	0.121	178	()
4	N	0.460	0.438	0.000	0.449	461	375
4	N	0.618	0.552	0.000	0.585	61	27
4	N	0.208	0.238	0.302	0.249	505	398
4	N	0.325	0.439	0.684	0.483	31	20
4	N	0.706	0.623	0.518	0.616	335	263
4	N	0.300	0.283	0.189	0.257	481	449
4	N	0.402	0.288	0.294	0.328	268	183
4	N	0.862	1.023	0.807	0.897	1932	1772

4	N	0.498	0.569	0.594	0.554	2297	2420
4	N	1.412	1.114	0.431	0.986	429	324
4	N	0.219	0.227	0.183	0.210	283	250
4	N	0.548	0.000	0.000	0.548	179	0
4	N	0.264	0.099	0.130	0.164	279	256
4	N	0.838	1.059	0.000	0.949	103	123
4	N	0.471	0.167	0.529	0.389	132	110
4	N	0.224	0.273	0.223	0.240	171	176
4	N	0.222	0.000	0.027	0.125	54	2
4	N	0.280	0.260	0.328	0.289	703	774
4	N	1.227	0.825	0.793	0.948	819	647
4	N	1.015	0.798	0.728	0.847	834	885
4	N	0.806	1.034	0.957	0.932	3293	3250
4	N	1.012	1.114	0.707	0.944	766	743
4	N	0.750	0.807	0.446	0.668	404	306
4	N	0.557	0.000	0.000	0.557	105	0
4	N	0.632	0.576	0.441	0.550	445	439
4	N	0.168	0.082	0.145	0.132	93	64
4	N	1.302	0.605	0.917	0.941	261	243
4	N	0.583	0.564	0.493	0.547	1867	1410
4	N	1.018	0.841	0.664	0.841	1741	1289
4	N	0.392	0.365	0.283	0.347	316	217
4	N	0.377	0.368	0.481	0.409	201	192
4	N	0.840	0.753	0.578	0.724	1761	1796
4	N	0.587	0.730	0.560	0.626	525	452
4	N	1.091	1.277	0.743	1.037	1380	1303
4	N	0.658	0.658	0.639	0.652	173	138
4	N	0.175	0.000	0.000	0.175	121	0
4	N	1.012	0.990	0.503	0.835	1932	1431
4	N	0.444	0.563	0.455	0.487	864	874
4	N	0.781	0.827	0.583	0.730	679	742
4	N	0.473	0.410	0.238	0.374	302	308
4	N	0.674	0.500	0.259	0.478	79	50
4	N	0.567	0.516	0.839	0.641	189	140
4	N	0.512	0.407	0.313	0.411	416	333
4	N	0.659	0.740	0.295	0.565	107	78
4	N	0.600	0.000	0.000	0.600	37	0
4	N	0.635	0.735	0.355	0.575	1661	1882
4	N	0.815	0.938	1.059	0.937	1695	1596
4	N	0.691	0.690	0.636	0.672	1042	922
4	N	0.980	0.792	0.787	0.853	5202	4759
4	N	0.235	0.389	0.000	0.312	26	26
4	N	0.314	0.438	0.298	0.350	226	162
4	N	0.498	0.545	0.368	0.470	1976	1787
4	N	0.614	1.103	0.875	0.864	90	67
4	N	0.533	0.341	0.500	0.458	312	230
4	N	0.296	0.308	0.000	0.302	129	76
4	N	0.860	0.962	0.377	0.733	391	306
4	N	0.452	0.628	0.571	0.550	2380	2320
4	N	0.374	0.258	0.188	0.273	366	371
4	N	1.070		0.606	0.779	422	293

4	N	0.846	0.656	0.849	0.784	592	462
4	N	0.421	0.313	0.389	0.374	686	547
4	N	0.600	0.471	0.482	0.518	588	555
4	N	0.646	0.562	0.509	0.572	487	434
4	N	0.318	0.221	0.197	0.245	971	942
4	N	1.130	0.616	0.441	0.729	1129	868
4	N	1.000	1.167	0.825	0.997	419	279
4	N	0.784	0.712	0.296	0.597	220	160
4	N	0.787	0.621	0.762	0.723	195	135
4	N	1.094	0.849	0.746	0.896	2510	1811
4	N	1.264	1.064	0.644	0.991	764	586
4	N	0.379	0.196	0.191	0.255	239	225
4	N	0.037	0.000	0.132	0.085	141	0
4	N	0.801	0.883	0.436	0.707	1593	1619
4	N	0.979	0.681	0.457	0.706	186	141
4	N	1.000	0.759	0.835	0.865	999	893
4	N	0.096	0.000	0.000	0.096	6	0
4	N	0.391	0.619	0.707	0.572	501	641
4	N	0.315	0.242	0.202	0.253	328	243
4	N	0.000	0.000	0.000	0.000	18	0
4	N	0.379	0.370	0.498	0.416	665	692
4	N	0.740	0.649	0.221	0.537	336	338
4	N	0.980	1.075	0.796	0.950	545	529
4	N	0.938	1.018	0.419	0.792	979	782
4	N	0.858	0.560	0.459	0.626	568	497
4	N	0.727	1.031	0.000	0.879	74	60
4	N	0.201	0.209	0.202	0.204	263	190
4	N	1.294	0.822	0.922	1.013	1911	1363
4	N	0.379	0.392	0.367	0.379	1035	1055
4	N	0.530	0.591	0.485	0.535	218	210
4	N	0.153	0.136	0.119	0.136	294	301
4	N	0.048	0.061	0.056	0.055	93	82
4	N	0.551	0.000	0.000	0.551	293	0
4	N	0.429	0.000	0.000	0.429	71	0
4	N	1.060	1.018	0.873	0.984	235	150
4	N	0.789	0.536	0.821	0.715	767	571
4	N	0.810	0.595	0.468	0.624	892	573
4	N	0.716	0.963	0.809	0.829	1130	1110
4	N	0.596	0.562	0.415	0.524	316	274
4	N	0.599	0.740	0.595	0.645	1397	1221
4	N	0.216	0.214	0.032	0.154	576	517
4	N	0.200	0.000	0.000	0.200	8	0
4	N	0.361	0.830	0.535	0.575	139	221
4	N	0.049	0.000	0.000	0.049	60	0
4	N	0.898	0.526	0.452	0.625	1248	852
4	N	0.592	0.403	0.298	0.431	812	629
4	N	0.828	0.869	0.468	0.722	886	813
4	N	1.020	1.054	0.947	1.007	1778	1455
4	N	0.449	0.000	0.000	0.449	185	0
4	N	0.435	0.118	0.000	0.277	88	51
4	N	0.374	0.258	0.215	0.282	369	204
	* 1	0.07	0.200	0.210	0.202		

4	N	0.541	1.142	0.000	0.842	93	363
4	N	0.548	0.000	0.000	0.548	30	0
4	N	0.352	0.187	0.293	0.277	257	197
4	N	0.343	0.308	0.407	0.353	70	49
4	N	0.469	0.612	0.532	0.538	356	299
4	N	0.571	0.000	0.000	0.571	21	0
4	N	0.844	1.038	0.731	0.871	87	64
4	N	1.023	0.688	0.000	0.856	203	50
4	N	0.631	0.648	0.486	0.588	403	310
4	N	1.356	0.685	0.000	1.021	205	201
4	N	0.876	0.670	0.625	0.724	535	517
4	N	0.521	0.543	0.327	0.464	272	218
4	N	0.480	0.808	0.680	0.656	296	224
4	N	0.472	0.628	0.497	0.532	1662	1582
4	N	0.289	0.447	0.221	0.319	237	245
4	N	0.000	0.000	0.000	0.000	2	0
4	N	0.433	0.577	0.827	0.612	1710	1474
4	N	0.552	0.531	0.129	0.404	177	183
4	N	1.135	1.168	0.123	0.959	1736	1551
4	N	0.320	0.500	0.244	0.355	1730	1551
4	N	1.065	0.824	0.707	0.355	1349	1063
4	N	0.415	0.824	0.707	0.803	1046	878
4	N	0.500	0.437	0.449	0.440	118	77
4	N	0.300	0.360	0.284	0.470	186	166
			0.303	0.264	0.377		
4	N	0.394				282	283
4	N	0.788	0.959	1.000	0.916	737	641
4	N	0.684	0.612	0.413	0.570	278	231
4	N	0.351	0.449	0.393	0.398	951	959
4	N	0.133	0.161	0.181	0.158	91	138
4	N	0.884	0.891	0.611	0.795	2192	1889
4	N	0.592	0.722	0.833	0.716	914	993
4	N	0.763	0.573	0.417	0.584	1271	970
4	N	0.800	0.842	0.632	0.758	1840	1658
4	N	0.500	0.429	0.348	0.426	105	62
4	N	0.216	0.156	0.108	0.160	220	182
4	N	0.125	0.000	0.000	0.125	11	0
4	N	0.591	0.646	0.444	0.560	168	115
4	N	0.359	0.229	0.387	0.325	692	635
4	N	1.059	1.071	0.773	0.968	688	615
4	N	0.347	0.492	0.370	0.403	388	497
4	N	0.533	0.000	0.000	0.533	77	40
4	N	1.033	1.017	0.498	0.849	809	777
4	N	0.286	0.256	0.422	0.321	284	312
4	N	1.143	0.971	0.765	0.960	271	235
4	N	0.826	0.662	0.426	0.638	874	641
4	N	0.034	0.000	0.000	0.034	6	0
4	N	0.611	0.566	0.508	0.562	1593	1448
4	N	0.748	0.626	0.611	0.662	798	692
4	N	0.928	0.789	0.791	0.836	6222	5578
4	N	0.687	0.615	0.246	0.516	373	326
4	N	0.062	0.478	0.000	0.270	57	17

4	N	0.795	0.886	0.549	0.743	420	349
4	N	0.727	0.569	0.255	0.517	167	142
4	N	0.853	0.745	0.658	0.752	1541	1208
4	N	0.722	0.984	0.490	0.732	431	360
4	N	0.269	0.000	0.000	0.269	195	0
4	N	0.000	0.000	0.000	0.000	15	0
4	N	0.644	0.500	0.673	0.606	380	299
4	N	0.366	0.324	0.231	0.307	569	455
4	N	0.368	0.402	0.000	0.385	1270	871
4	N	0.165	0.000	0.000	0.165	97	0
4	N	1.061	0.992	0.872	0.975	1074	966
4	N	0.687	0.647	0.570	0.635	1272	1216
4	N	0.781	0.486	0.600	0.622	311	250
4	N	0.496	0.665	0.498	0.553	1253	903
4	N	0.702	0.722	0.945	0.790	1741	1787
4	N	0.391	1.297	0.509	0.732	1210	2193
4	N	0.416	0.475	0.342	0.411	453	420
4	N	0.669	0.488	0.315	0.491	710	438
4	N	0.571	0.541	0.414	0.509	245	186
4	N	0.708	0.728	0.553	0.663	1393	1419
4	N	0.896	0.656	0.497	0.683	734	578
4	N	0.357	0.000	0.000	0.357	83	0
4	N	0.530	0.317	0.685	0.511	261	190
4	N	1.082	0.863	0.644	0.863	435	354
4	N	0.732	0.779	0.449	0.653	444	547
4	N	1.218	0.789	0.864	0.957	1174	990
4	N	0.531	0.412	0.000	0.472	81	72
4	N	0.831	0.752	0.959	0.847	2135	2030
4	N	0.953	1.255	0.587	0.932	475	448
4	N	0.715	0.696	0.750	0.720	828	775
4	N	0.352	0.424	0.312	0.363	550	532
4	N	0.571	1.525	0.262	0.786	153	164
4	N	0.301	0.554	0.000	0.428	322	225
4	N	0.141	0.078	0.265	0.161	57	51
4	N	0.342	0.320	0.327	0.330	385	352
4	N	0.181	0.266	0.216	0.221	110	122
4	N	0.422	0.291	0.364	0.359	451	390
4	N	1.308	0.924	0.574	0.935	933	680
4	N	0.268	0.000	0.000	0.268	173	()
4	N	0.965	0.759	0.608	0.777	226	155
4	N	0.893	0.830	0.747	0.823	1392	1229
4	N	0.200	0.000	0.000	0.200	6	()
4	N	0.308	0.235	0.175	0.239	544	432
4	N	0.445	0.281	0.552	0.426	526	375
4	N	0.634	0.283	0.293	0.403	62	36
4	N	0.179	0.178	0.188	0.182	97	98
4	N	0.234	0.292	0.224	0.250	180	166
4	N	0.188	0.000	0.000	0.188	29	0
4	N	0.500	0.472	0.360	0.444	54	33
4	N	1.256	0.733	0.000	0.995	372	279
4	N	1.036	0.000	0.000	1.036	161	()

4	N	0.000	0.000	0.000	0.000	10	0
4	N	0.433	0.684	0.621	0.579	229	199
4	N	0.952	1.485	0.682	1.040	574	624
4	N	0.367	0.000	0.000	0.367	39	0
4	N	0.373	0.315	0.317	0.335	745	747
4	N	0.046	0.081	0.053	0.060	123	122
4	N	0.413	0.000	0.000	0.413	42	0
4	N	0.184	0.257	0.186	0.209	77	76
4	N	1.031	0.615	0.450	0.699	373	300
4	N	0.200	0.130	0.163	0.164	110	116
4	N	0.514	0.500	0.543	0.519	345	309
4	N	0.388	1.158	0.655	0.734	767	778
4	N	0.730	0.603	0.393	0.575	178	178
4	N	0.836	0.639	0.678	0.718	845	683
4	N	0.288	0.210	0.415	0.304	423	431
4	N	0.333	0.323	0.362	0.339	353	441
4	N	0.968	0.706	0.612	0.762	774	570
4	N	0.124	0.074	0.103	0.100	379	371
4	N	1.723	0.540	0.388	0.884	618	549
4	N	0.794	0.894	0.713	0.800	3385	3078
4	N	0.231	0.226	0.165	0.207	355	293
4	N	0.299	0.000	0.000	0.299	63	0
4	N	0.384	0.368	0.332	0.361	279	245
4	N	0.753	0.892	0.530	0.725	1634	1499
4	N	0.597	0.288	0.235	0.373	154	127
4	N	0.143	0.000	0.000	0.143	38	0
4	N	0.164	0.123	0.106	0.131	137	101
4	N	0.795	0.753	1.018	0.855	5591	5333
4	N	0.105	0.122	0.153	0.127	157	146
4	N	0.365	0.356	0.317	0.346	547	449
4	N	1.065	0.682	0.420	0.722	262	244
4	N	0.553	0.545	0.376	0.491	345	301
4	N	0.838	1.073	0.709	0.873	405	385
4	N	0.329	0.493	0.184	0.335	168	149
4	N	0.160	0.151	0.236	0.182	337	352
4	N	0.761	0.662	0.500	0.641	869	635
4	N	0.065	0.000	0.000	0.065	104	()
4	N	0.658	0.857	0.883	0.799	221	221
4	N	0.342	0.453	0.274	0.356	634	598
4	N	0.286	0.277	0.117	0.227	559	524
4	N	1.051	0.950	0.351	0.784	254	214
4	N	0.102	0.157	0.179	0.146	371	271
4	N	0.173	0.000	0.000	0.173	101	0
4	N	0.932	0.798	0.621	0.784	2707	2454
4	N	0.089	0.107	0.150	0.115	218	161
4	N	0.157	0.091	0.071	0.106	110	72
4	N	0.439	0.216	0.196	0.284	150	152
4	N	1.167	0.849	0.630	0.882	76	46
4	N	0.588	0.471	0.571	0.543	120	96
4	N	0.778	0.859	0.609	0.749	1628	1315
4	N	0.632	0.475	0.467	0.525	234	189

4	N	0.188	0.250	0.290	0.243	21	37
4	N	0.516	0.652	0.524	0.564	303	297
4	N	0.682	0.743	0.631	0.685	4141	4114
4	N	0.512	0.520	0.191	0.408	443	553
4	N	0.040	0.061	0.054	0.052	100	84
4	N	0.406	0.346	0.363	0.372	1069	1057
4	N	0.783	0.340	0.429	0.517	266	166
4	N	0.229	0.224	0.297	0.250	224	173
4	N	0.972	0.000	0.000	0.972	43	0
4	N	0.435	0.000	0.000	0.435	110	0
4	N	0.186	0.276	0.184	0.215	597	736
4	N	0.524	0.486	0.545	0.518	212	203
4	N	0.626	0.462	0.458	0.515	324	307
4	N	0.724	0.679	0.489	0.631	439	493
4	N	0.133	0.128	0.107	0.123	90	97
4	N	0.745	0.766	0.435	0.649	588	338
4	N	0.000	0.001	0.004	0.003	8	17
4	N	0.214	0.098	0.070	0.127	103	75
4	N	0.144	0.189	0.112	0.148	63	48
4	N	1.213	0.608	0.609	0.810	1935	1451
4	N	0.812	0.767	0.627	0.735	474	362
4	N	0.475	0.395	0.280	0.383	180	174
4	N	1.015	0.942	0.580	0.846	634	564
4	N	0.739	0.500	0.517	0.585	140	143
4	N	0.757	0.200	0.854	0.473	370	282
4	N	0.357	0.528	0.194	0.360	128	119
4	N	0.138	0.167	0.317	0.207	161	157
4	N	0.628	0.161	0.317	0.267	96	59
4	N	0.854	0.768	0.611	0.744	968	889
4	N	0.785	0.874	0.446	0.702	3410	3167
4	N	0.052	0.036	0.046	0.045	71	78
4	N	0.991	0.000	0.000	0.991	214	0
1	N	0.016	0.036	0.087	0.046	8	12
4	N	0.654	0.802	0.444		1442	
4	N	0.657	0.622	0.534	0.604	1340	1287
4	N	0.966	0.857	0.663	0.829	1552	1353
4	N	0.754	0.699	0.653	0.702	589	461
4	N	0.75	0.099	0.283	0.702	54	52
4	N	0.815	0.587	0.583	0.662	250	159
4	N	0.553	0.722	0.757	0.677	4863	6048
4	N	0.939	1.253	0.737	1.012	465	454
4	N	0.657	0.761	0.718	0.712	1109	1126
4	N	1.021	0.833	0.718	0.712	308	258
4	N	1.000	1.048	0.711	0.920	265	251
4	N	0.866	0.708	0.554	0.709	682	559
4	N	0.451	0.708	0.000	0.709	176	48
4	N N	0.431	0.224	0.000	0.338	80	93
4	N N	0.087	0.131	0.108	0.109	134	93
4	N N	0.333	0.192	0.167	0.251	38	38
4	N N	0.343	0.371	0.148	0.555	110	40
4	N	0.424	0.328	0.271	0.341	233	141

4	N	0.174	0.136	0.109	0.140	40	44
4	N	0.677	0.333	0.265	0.425	185	138
4	N	0.655	0.609	0.201	0.488	512	418
4	N	0.412	0.281	0.203	0.299	908	675
4	N	0.416	0.317	0.212	0.315	900	726
4	N	0.402	0.342	0.280	0.341	808	643
4	N	0.432	0.463	0.200	0.365	112	107
4	N	0.434	0.407	0.218	0.353	226	211
4	N	0.773	0.366	0.161	0.433	277	165
4	N	0.447	0.322	0.178	0.316	247	227
4	N	0.630	0.490	0.394	0.505	442	360
4	N	0.370	0.279	0.309	0.319	103	84
4	N	0.339	0.451	0.244	0.345	110	97
4	N	1.013	1.030	0.923	0.989	428	357
4	N	0.066	0.048	0.103	0.072	278	304
4	N	0.465	0.515	0.437	0.472	633	551
4	N	0.522	0.417	0.333	0.424	253	208
4	N	0.899	0.000	0.000	0.899	82	8
4	N	0.200	0.151	0.379	0.243	265	283
4	N	0.222	0.000	0.000	0.222	9	0
4	N	0.404	0.328	0.343	0.222	338	296
4	N	0.236	0.328	0.232	0.338	558	384
4	N	0.765	0.427	0.529	0.574	367	270
4	N	0.765	0.427	0.000	0.063	18	11
4	N	0.553	0.432	0.429	0.471	1509	1514
4	N	0.333	0.432	0.429	0.471	1615	1427
4	N N	0.477	0.412	0.455	0.448	86	0
4	N N	0.555	0.769	0.629	0.555	200	166
4	N	0.037	0.769	0.029	0.083	145	129
4	N	0.070	0.443	0.148	0.094	478	443
4	N N	0.257				26	0
4	N N	0.037	0.000 0.355	0.000	0.057 0.415	318	310
4				0.420			
4	N N	0.293	0.189	1.625	0.702	93	77
4	N N	0.420 0.512	0.456	0.342	0.406	752 537	553
4	N N		0.602	0.590	0.568	537	462
4	N N	0.451 0.238	0.370 0.201	0.647 0.262	0.489	727 474	622
4	N N	0.238	0.201	0.202	0.234 0.041	144	406 120
4							37
	N	0.043	0.075	0.119 0.015	0.079	40	
4	N	0.025	0.029		0.023	28	16
4	N N	0.052	0.000	0.000	0.052	14	122
4	N	0.295	0.273	0.154	0.241	147	122
4	N	1.188	0.895	0.733	0.939	1217	1019
4	N	0.686	0.683	0.685	0.685	315	235
4	N	1.241	0.750	0.723	0.905	1272	918
4	N	0.393	0.000	0.000	0.393	531	0
4	N	0.452	0.341	0.291	0.361	238	144
4	N	0.045	0.071	0.053	0.056	119	92
4	N	0.677	0.402	0.378	0.486	648	560
4	N	0.164	0.149	0.200	0.171	69	51
4	N	0.385	0.286	0.111	0.261	262	193

4	N	0.072	0.000	0.000	0.072	12	0
4	N	0.870	1.110	1.122	1.034	975	793
4	N	0.000	0.000	0.000	0.000	23	()
4	N	0.347	0.239	0.271	0.286	484	526
4	N	0.196	0.000	0.000	0.196	397	()
4	N	0.332	0.254	0.196	0.261	433	306
4	N	0.172	0.325	0.172	0.223	454	441
4	N	0.791	0.835	0.985	0.870	2264	2273
4	N	0.036	0.041	0.035	0.037	21	19
4	N	1.012	1.092	0.972	1.025	3371	3353
4	N	0.312	0.000	0.000	0.312	99	()
4	N	0.361	0.277	0.493	0.377	234	215
4	N	0.662	1.086	0.700	0.816	448	529
4	N	0.161	0.162	0.286	0.203	1062	1041
4	N	0.601	0.347	0.204	0.384	496	293
4	N	1.200	1.145	0.560	0.968	520	628
4	N	0.160	0.119	0.048	0.109	195	133
4	N	0.069	0.000	0.000	0.069	39	()
4	N	1.038	1.320	0.517	0.958	637	559
4	N	0.174	0.000	0.000	0.174	18	0
4	N	0.760	0.630	0.385	0.592	161	142
4	N	0.558	0.891	1.122	0.857	603	498
4	N	0.105	0.000	0.000	0.105	10	0
4	N	0.031	0.000	0.000	0.031	12	0
4	N	0.291	0.000	0.000	0.291	25	0
4	N	0.310	0.000	0.000	0.310	46	0
4	N	0.261	0.470	0.436	0.389	124	200
4	N	0.118	0.048	0.030	0.065	221	210
4	N	0.242	0.000	0.000	0.242	35	0
4	N	0.010	0.000	0.000	0.010	45	0
4	N	0.039	0.000	0.000	0.039	12	()
4	N	0.340	0.263	0.244	0.282	235	252
4	N	0.383	0.162	0.190	0.245	88	27
4	N	0.992	0.781	0.410	0.728	912	848
4	N	0.944	0.589	0.500	0.678	613	455
4	N	0.075	0.000	0.000	0.075	30	0
4	N	0.635	0.631	0.843	0.703	2023	2076
4	N	0.347	0.431	0.263	0.347	725	631
4	N	0.195	0.214	0.156	0.188	275	280
4	N	0.626	0.000	0.000	0.626	103	0
4	N	0.314	0.421	0.219	0.318	187	214
4	N	0.093	0.000	0.000	0.093	8	()
4	N	0.196	0.276	0.188	0.220	335	248
4	N	0.191	0.265	0.200	0.219	191	205
4	N	1.256	1.134	0.324	0.905	608	565
4	N	0.133	0.171	0.197	0.167	371	453
4	N	0.682	0.495	0.265	0.481	699	504
4	N	0.387	0.664	0.437	0.496	283	260
4	N	0.125	0.098	0.107	0.110	64	58
4	N	0.123	0.000	0.000	0.123	59	0
4	N	0.833	0.000	0.000	0.833	15	0

4	N	0.250	0.000	0.000	0.250	203	()
4	N	0.486	0.412	0.481	0.460	150	115
4	N	0.098	0.199	0.101	0.133	150	168
4	N	0.301	0.182	0.128	0.204	392	266
4	N	0.481	0.395	0.518	0.465	248	251
4	N	0.571	0.000	0.000	0.571	248	0
4	N	0.873	0.836	0.538	0.749	784	812
4	N	0.799	0.586	0.375	0.587	441	274
4	N	0.448	0.783	0.404	0.545	572	504
4	N	1.064	1.137	0.478	0.893	126	101
4	N	0.094	0.000	0.088	0.091	14	0
4	N	1.328	0.984	0.607	0.071	1096	723
4	N		0.713	0.542	0.973	1139	
		0.667					956
4	N	0.977	0.974	0.543	0.831	205	158
4	N	0.564	0.397	0.560	0.507	1538	1221
4	N	0.104	0.000	0.000	0.104	26	0
4	N	0.714	0.667	0.727	0.703	177	201
4	N	0.275	0.400	0.335	0.337	379	427
4	N	0.400	0.690	0.477	0.522	84	90
4	N	0.000	0.077	0.250	0.164	19	22
4	N	0.226	0.232	0.079	0.179	161	127
4	N	1.089	1.111	0.901	1.034	1486	1372
4	N	0.274	0.229	0.143	0.215	56	26
4	N	0.538	0.389	0.355	0.427	448	354
4	N	1.196	1.229	0.690	1.038	1817	1508
4	N	0.073	0.061	0.042	0.059	233	242
4	N	0.300	0.000	0.000	0.300	267	()
4	N	0.832	1.000	1.064	0.965	2272	2069
4	N	0.763	0.780	0.230	0.591	190	145
4	N	0.313	0.344	0.345	0.334	400	322
4	N	1.083	1.154	0.642	0.960	317	247
4	N	0.533	0.235	0.088	0.285	125	79
4	N	0.048	0.000	0.045	0.047	50	17
4	N	0.982	1.178	0.568	0.909	329	203
4	N	0.269	0.388	0.159	0.272	163	190
4	N	0.438	0.500	0.361	0.433	614	530
4	N	0.847	1.191	0.442	0.827	84	72
4	N	0.432	0.354	0.444	0.410	596	571
4	N	0.366	0.309	0.391	0.355	794	708
4	N	0.569	0.545	0.784	0.633	1274	1224
4	N	0.578	0.000	0.000	0.578	178	()
4	N	0.195	0.133	0.167	0.165	131	92
4	N	0.208	0.000	0.000	0.208	14	()
4	N	0.340	0.500	0.193	0.344	194	163
4	N	1.376	0.559	0.409	0.781	371	281
4	N	0.225	0.000	0.000	0.225	58	0
4	N	0.333	0.127	0.155	0.205	96	89
4	N	0.445	0.321	0.264	0.343	1226	973
4	N	0.722	0.700	0.557	0.660	2225	2349
4	N	0.004	0.000	0.003	0.004	18	20
4	N	0.032	0.000	0.000	0.032	2	0
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4	N	0.283	0.000	0.000	0.283	53	0
4	N	0.171	0.137	0.107	0.138	115	136
4	N	0.969	1.244	0.593	0.935	725	629
4	N	0.286	0.396	0.423	0.368	409	397
4	N	0.329	0.515	0.486	0.443	378	440
4	N	0.421	0.282	0.384	0.362	1309	1122
4	N	1.096	0.779	0.702	0.859	4347	3298
4	N	0.771	1.011	0.781	0.854	679	677
4	N	0.943	0.806	0.735	0.828	6548	5670
4	N	0.726	0.766	0.625	0.706	383	319
4	N	0.189	0.270	0.272	0.244	332	284
4	N	0.407	0.000	0.000	0.407	94	0
4	N	1.054	0.788	0.552	0.798	1249	966
4	N	0.321	0.219	0.130	0.223	157	128
4	N	0.121	0.000	0.000	0.121	78	0
4	N	0.516	0.286	0.106	0.303	138	120
4	N	0.966	0.772	1.012	0.917	1839	1306
4	N	0.298	0.259	0.000	0.279	5379	4108
4	N	0.069	0.145	0.130	0.115	39	51
4	N	0.344	0.578	0.555	0.492	1081	1045
4	N	0.860	0.710	0.408	0.659	593	369
4	N	0.975	1.114	0.881	0.990	4046	3673
4	N	0.659	0.724	0.367	0.583	1242	1331
4	N	0.000	0.000	0.000	0.000	24	0
4	N	0.786	1.061	0.690	0.846	1005	953
4	N	0.483	0.315	0.370	0.389	466	428
4	N	0.426	0.315	0.253	0.331	1998	1875
4	N	0.541	0.548	0.541	0.543	151	186
4	N	1.088	1.194	0.741	1.008	1314	1426
4	N	0.418	0.331	0.230	0.326	995	1110
4	N	0.053	0.079	0.033	0.055	100	141
4	N	0.654	0.702	0.555	0.637	1173	1241
4	N	0.369	0.254	0.148	0.257	52	40
4	N	1.082	0.945	0.745	0.924	3185	2513
4	N	1.763	1.000	0.300	1.021	228	175
4	N	0.210	0.164	0.114	0.163	101	109
4	N	0.196	0.265	0.234	0.232	226	214
1	Y	3.238	2.420	1.851	2.503	3029	2553
1	Y	2.227	2.354	1.931	2.171	20103	16205
1	Y	3.101	2.175	1.327	2.201	2510	1700
1	Y	2.080	1.933	2.123	2.045	1191	933
2	N	2.436	1.755	1.901	2.031	6393	4025
2	Y	2.093	1.627	1.096	1.605	22478	16220
2	N	1.606	1.351	1.056	1.338	878	709
2	N	1.458	1.529	1.113	1.367	2782	2471
2	N	2.068	2.026	0.995	1.696	6120	4733
2	N	1.522	2.650	1.585	1.919	2283	1832
2	N	1.500	1.837	1.184	1.507	2049	1765
2	N	2.149	1.214	0.000	1.682	950	707
2	N	1.576	1.463	1.467	1.502	9661	7490
2	N	1.908	1.379	1.004	1.430	3890	2490

2	N	2.167	2.328	1.472	1.989	3508	2492
2	N	1.373	1.343	1.651	1.456	1637	1185
2	N	2.466	1.907	1.004	1.792	1747	1477
3	N	1.047	0.967	1.034	1.016	4189	3405
3	N	1.304	1.132	1.352	1.263	4286	4177
3	N	1.055	0.719	0.635	0.803	328	266
3	N	1.211	1.063	1.015	1.096	572	409
3	N	1.109	0.867	0.884	0.953	1068	556
3	N	1.745	1.220	0.711	1.225	670	553
3	N	0.966	0.900	0.571	0.812	815	632
3	N	0.860	1.023	1.271	1.051	582	452
3	N	1.240	1.151	0.949	1.113	749	591
3	N	1.248	1.156	0.962	1.113	1686	1507
3	N	0.960	1.477	0.575	1.004	1340	1155
3	N	1.155			1.142	588	494
3			1.271	1.000			
	N	1.243	0.923	0.528	0.898	462	449
3	N	1.120	1.181	0.722	1.008	224	172
3	N	1.009	0.839	0.784	0.877	4923	3693
3	N	1.054	1.086	0.875	1.005	2895	2377
3	N	1.625	1.057	0.562	1.081	840	534
3	N	1.092	0.705	0.732	0.843	1434	1155
3	N	1.220	0.836	0.427	0.828	1274	921
3	N	1.711	1.071	1.090	1.291	4826	4070
4	N	0.750	0.000	0.000	0.750	130	()
4	N	0.673	0.484	0.603	0.587	973	777
4	N	0.961	0.619	0.544	0.708	3474	2282
4	N	0.667	0.400	0.536	0.534	357	155
4	N	0.426	0.304	0.258	0.329	187	131
4	N	0.552	0.609	0.435	0.532	285	262
4	N	0.353	0.000	0.000	0.353	118	()
4	N	0.729	0.517	0.000	0.623	179	91
4	N	0.733	0.750	0.479	0.654	493	394
4	N	0.426	0.434	0.420	0.427	174	132
4	N	0.738	0.324	0.275	0.446	454	332
4	N	0.618	0.703	0.326	0.549	121	98
4	N	0.803	0.774	0.560	0.712	6950	5900
4	N	0.419	0.526	0.356	0.434	771	731
4	N	0.838	0.593	0.575	0.669	1552	1057
4	N	0.754	0.643	0.732	0.710	974	626
4	N	0.562	0.825	0.525	0.637	247	229
4	N	0.346	0.214	0.094	0.218	32	17
4	N	0.742	0.893	0.630	0.755	367	259
4	N	0.471	0.377	0.351	0.400	1198	853
4	N	0.145	0.196	0.200	0.180	266	196
4	N	0.517	0.000	0.000	0.517	121	()
4	N	0.333	0.188	0.241	0.254	101	63
4	N	0.847	0.735	0.548	0.710	2615	1857
4	N	0.681	0.830	0.517	0.676	1962	1547
4	N	0.926	0.528	0.000	0.727	90	26
4	N	0.350	0.636	0.182	0.389	302	196
4	N	0.562	0.485	0.364	0.470	1998	1137

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4	N	0.730	0.597	0.561	0.629	1145	1007
4	N	0.679	0.470	0.225	0.458	495	356
4	N	1.030	0.828	0.500	0.786	631	509
4	N	0.281	0.143	0.088	0.171	208	156
4	N	0.507	0.676	0.476	0.553	586	586
4	N	0.523	0.710	0.469	0.567	467	402
4	N	0.368	0.000	0.000	0.368	17	0
4	N	0.424	0.178	0.361	0.321	399	179
4	N	0.729	0.477	0.350	0.519	1765	948
4	N	0.865	0.694	0.000	0.780	166	105
4	N	0.567	0.300	0.448	0.438	118	118
1	Y	18.203	12.176	16.214	15.531	30727	26252
1	Y	49.926	2.051	2.385	18.121	14394	11622
1	Y	18.688	16.733	11.929	15.783	999	849
1	Y	11.829	10.879	10.031	10.913	164626	139534
1	Y	17.464	14.688	9.439	13.864	5981	5228
1	Y	7.765	5.625	6.333	6.574	2694	2410
1	Y	35.957	23.592	22.757	27.435	80350	69560
1	Y	20.086	17.419	13.082	16.862	17601	12305
1	Y	11.225	10.566	8.568	10.120	21971	19069
1	Y	8.500	0.000	0.000	8.500	478	()
1	Y	5.000	6.892	8.121	6.671	1399	1301
1	Y	8.580	8.091	7.885	8.185	351813	318252
1	Y	7.952	5.360	5.731	6.348	1234	867
1	Y	9.202	7.450	7.667	8.106	4479	3690
1	Y	23.753	16.819	12.809	17.794	8841	7413
1	Y	13.462	12.808	11.923	12.731	3411	3142
1	Y	6.546	5.485	5.827	5.953	5401	4523
2	N	3.571	4.812	7.667	5.350	1595	1441
2	N	5.675	5.333	3.074	4.694	5220	4491
2	N	1.714	4.214	4.600	3.509	1765	1683
2	N	7.154	3.571	4.176	4.967	1017	889
2	N	4.600	6.802	5.930	5.777	4067	3725
2	N	5.187	5.619	4.977	5.261	10194	8217
2	Y	5.214	5.712	5.287	5.404	82246	77792
2	N	3.272	3.761	3.553	3.529	11924	11181
2	N	4.502	4.146	4.169	4.272	15346	11794
2	N	5.504	5.340	5.141	5.328	84236	73913
2	N	4.373	4.197	0.000	4.285	2088	1194
2	N	5.382	5.454	5.330	5.389	38981	31230
2	N	3.453	3.636	3.502	3.530	7985	6599
2	N	4.767	0.000	0.000	4.767	665	0
2	N	4.162	4.215	4.046	4.141	11344	7670
2	N	4.183	3.535	3.468	3.729	4407	3180
2	N	5.488	5.493	4.354	5.112	3575	3017
2	N	4.081	3.580	3.212	3.624	33871	28049
2	N	3.700	4.604	5.000	4.435	4787	4285
2	N	5.836	4.542	4.836	5.071	7435	5393
2	N	4.657	4.147	4.123	4.309	79450	68356
2	N	3.435	4.028	3.269	3.577	6394	6510
2	N	3.415	3.600	3.325	3.447	3405	2941

	2	N	3.882	3.643	2.986	3.504	8973	8444
	2	N	4.804	4.274	4.308	4.462	3898	2525
	2	N	4.101	3.756	3.641	3.833	57286	52191
	2	N	3.769	3.390	4.297	3.819	18422	16109
	2	Y	4.219	3.952	3.959	4.043	92992	86564
	2	Y	3.471	4.189	4.086	3.915	107337	98624
	2	N	4.224	3.396	0.000	3.810	25129	10392
	2	N	3.971	3.821	3.529	3.774	22907	19973
	2	Y	3.898	4.097	4.009	4.001	84792	76864
	2	N	4.370	0.000	0.000	4.370	294	0
	2	N	3.762	3.550	3.167	3.493	10931	8832
	2	N	5.420	5.128	4.802	5.117	54155	46502
	2	N	4.204	3.815	3.833	3.951	40038	33831
	2	N	4.116	4.064	3.343	3.841	20798	16894
	2	N	4.111	0.000	0.000	4.111	1666	()
	2	N	4.152	6.511	4.041	4.901	1884	1738
	2	N	4.291	5.270	6.394	5.318	4636	4427
化学一晶体	3	N	1.801	2.341	2.163	2.102	10498	10332
	3	N	2.375	1.350	2.150	1.958	935	820
	3	N	2.000	1.833	2.667	2.167	435	487
	3	N	3.480	3.328	2.867	3.225	12749	10385
	3	N	3.757	3.146	3.186	3.363	34035	30968
	3	N	3.564	3.190	3.166	3.307	23373	20380
	3	N	1.959	2.405	2.360	2.241	5409	4752
	3	N	3.167	2.644	1.782	2.531	9730	7471
	3	N	3.000	2.791	2.394	2.728	5414	3717
	3	N	2.021	1.867	1.883	1.924	8132	7119
	3	N	3.526	3.004	2.764	3.098	20194	17306
	3	N	2.277	1.961	1.805	2.014	13029	12225
	3	N	3.250	0.000	0.000	3.250	361	386
	3	N	2.291	2.169	2.207	2.222	56231	53154
	3	N	3.862	3.477	2.641	3.327	1029	904
	3	N	2.464	1.747	2.344	2.185	1274	1068
	3	N	2.933	2.000	2.118	2.350	407	358
	3	N	2.621	3.500	2.973	3.031	858	748
	3	N	2.879	3.184	3.961	3.341	2882	2497
	3	N	3.615	2.610	2.844	3.023	400	283
	3	N	2.630	2.901	2.949	2.827	8757	8154
	3	N	2.941	2.694	2.597	2.744	14419	11557
	3	N	3.269	2.882	2.301	2.817	6460	4736
	3	N	3.096	3.016	2.914	3.009	14727	12337
	3	N	2.310	2.143	2.248	2.234	10247	8811
	3	N	2.322	1.940	1.713	1.992	16732	14302
	3	N	3.391	3.181	3.664	3.412	7329	6075
	3	N	2.311	1.911	2.120	2.114	3577	3043
化学一晶体	3	N	3.018	3.212	3.629	3.286	17663	16397
	3	N	3.019	2.443	2.309	2.590	38208	33041
	3	N	3.450	3.011	3.154	3.205	2943	2196
	3	N	2.338	2.484	0.000	2.411	21769	21526
	3	N	2.017	1.880	2.101	1.999	1787	1477
	3	N	3.411	2.940	3.062	3.138	5151	4441

3	N	3.135	2.814	2.707	2.885	16594	14318
3	N	2.336	2.018	1.669	2.008	1785	1503
3	N	2.347	1.866	2.168	2.127	26069	22333
3	N	2.553	2.362	1.911	2.275	10851	9314
3	N	2.899	2.871	2.918	2.896	46944	41735
3	N	2.093	2.424	3.333	2.617	4492	4188
3	N	2.551	2.746	2.632	2.643	5057	4221
3	N	2.340	1.910	2.149	2.133	16572	14722
3	N	2.570	2.202	2.046	2.273	10130	8935
3	N	2.726	2.977	3.085	2.929	6299	5830
3	N	3.217	3.500	2.580	3.099	1363	1078
3	N	2.579	2.505	1.800	2.295	2366	2037
3	N	2.648	1.910	1.959	2.172	3184	2464
3	N	2.652	2.555	2.210	2.472	11179	9083
3	N	2.071	2.859	2.708	2.546	649	564
3	N	3.006	2.942	2.651	2.866	8655	7749
3	N	2.238	1.905	1.833	1.992	2555	2062
3	N	2.207	1.801	1.756	1.921	13392	11411
3	N	2.154	2.320	2.073	2.182	8826	8158
3	N	3.573	3.331	3.065	3.323	42599	40779
3	N	3.060	2.938	1.754	2.584	1489	1255
3	N	2.289	2.237	2.232	2.253	11054	10332
3	N	2.695	2.772	2.971	2.813	12172	10610
3	N	2.073	0.000	0.000	2.073	2864	0
3	N	2.718	2.659	2.763	2.713	16997	15680
3	N	2.572	2.470	2.257	2.433	17497	16422
3	N	3.290	3.206	3.374	3.290	18850	16172
3	N	3.219	2.897	2.869	2.995	50474	45882
3	N	2.660	2.538	2.615	2.604	75104	70574
3	N	2.625	2.796	2.634	2.685	12976	12493
3	N	2.584	2.370	2.537	2.497	3426	2913
3	N	2.379	2.212	2.360	2.317	3665	2913
3	N	2.993	2.796	2.434	2.741	2868	2444
4	N	0.751	0.682	0.844	0.759	2471	2339
4	N	0.841	0.909	1.093	0.948	752	586
4	N	0.676	0.621	0.746	0.681	194	162
4	N	0.782	0.561	0.719	0.687	6619	6119
4	N	0.411	0.367	0.508	0.429	8891	7113
4	N	0.718	0.673	0.611	0.667	1416	1230
4	N	0.437	0.565	0.541	0.514	770	823
4	N	0.143	0.152	0.173	0.156	121	95
4	N	1.235	2.600	1.615	1.817	254	224
4	N	1.167	3.000	1.275	1.814	771	729
4	N	0.190	0.244	0.177	0.204	141	188
4	N	1.317	1.281	1.362	1.320	3177	2879
4	N	1.526	1.735	1.508	1.590	4694	4486
4	N	0.991	0.589	0.700	0.760	896	928
4	N	1.567	1.270	1.224	1.354	2699	2436
4	N	1.090	1.377	1.253	1.240	2546	2065
4	N	0.213	0.268	0.292	0.258	1244	1121

化学一晶(化学一晶(

4 **N** 0.390 0.198 0.270 0.286 111 77

4	N	1.725	1.677	1.404	1.602	12657	11788
4	N	0.936	1.257	1.156	1.116	3728	3863
4	N	1.350	0.800	0.767	0.972	211	88
4	N	1.217	1.265	0.978	1.153	235	150
4	N	0.156	0.000	0.000	0.156	92	()
4	N	0.436	0.399	0.304	0.380	594	665
4	N	1.904	1.530	1.352	1.595	1747	1491
4	N	1.423	1.205	1.204	1.277	8844	7979
4	N	2.025	1.960	1.723	1.903	13024	12029
4	N	1.842	1.310	1.000	1.384	326	208
4	N	1.065	0.741	0.754	0.853	386	223
4	N	0.702	0.564	0.529	0.598	576	550
4	N	1.310	0.818	0.000	1.064	80	37
4	N	0.742	0.000	0.000	0.742	265	0
4	N	0.700	0.000	0.000	0.700	2170	0
4	N	0.144	0.220	0.331	0.232	1084	1078
4	N	0.620	0.592	0.695	0.636	2746	2687
4	N	1.460	1.478	1.480	1.473	15588	14523
4	N	0.717	0.593	0.683	0.664	538	494
4	N	0.572	0.468	0.442	0.494	1473	1233
4	N	0.791	0.758	0.367	0.639	594	518
4	N	0.556	0.408	0.392	0.452	475	399
4	N	0.355	0.279	0.400	0.345	201	191
4	N	0.212	0.355	0.434	0.334	228	246
4	N	0.000	0.000	0.000	0.000	11	()
4	N	0.254	0.000	0.000	0.254	89	()
4	N	0.483	0.404	0.000	0.444	391	246
4	N	1.577	1.283	0.919	1.260	1349	1166
4	N	0.643	0.488	0.336	0.489	1629	1295
4	N	0.790	0.633	0.513	0.645	1818	1649
4	N	0.891	0.945	0.719	0.852	1780	1503
4	N	0.606	0.532	0.569	0.569	1471	1265
4	N	0.603	0.662	0.766	0.677	1272	1262
4	N	0.526	0.644	0.753	0.641	387	407
4	N	0.544	0.643	0.696	0.628	1001	935
4	N	1.098	1.312	1.145	1.185	4485	3932
4	N	0.856	0.784	0.879	0.840	2731	2570
4	N	0.588	0.560	0.729	0.626	1152	1089
4	N	2.057	1.736	1.620	1.804	4826	4374
4	N	1.988	1.926	1.601	1.838	15163	13105
4	N	1.580	1.529	1.305	1.471	1902	1465
4	N	0.805	0.831	0.606	0.747	1071	918
4	N	0.896	0.921	0.768	0.862	2283	1845
4	N	0.559	0.481	0.380	0.473	1825	1828
4	N	2.143	1.633	1.815	1.864	246	178
4	N	0.500	0.517	0.732	0.583	260	212
4	N	0.205	0.231	0.442	0.293	224	233
4	N	0.305	0.565	0.473	0.448	231	260
4	N	0.644	0.661	0.917	0.741	607	442
4	N	1.452	0.000	0.000	1.452	301	()
4	N	1.435	1.396	1.515	1.449	8538	7867

化学一晶(化学一晶(

4	N	0.877	1.155	0.984	1.005	1234	1096
4	N	0.346	0.519	0.457	0.441	425	411
4	N	1.165	0.980	1.066	1.070	6267	5494
4	N	0.498	0.577	0.552	0.542	547	468
4	N	0.988	0.860	0.679	0.842	660	522
4	N	0.714	0.000	0.312	0.513	55	()
4	N	0.617	0.575	0.685	0.626	2208	2046
4	N	0.437	0.466	0.368	0.424	2834	2593
4	N	0.298	0.295	0.265	0.286	597	554
4	N	2.029	1.854	1.850	1.911	5550	4479
4	N	0.143	0.385	0.607	0.378	81	94
4	N	1.619	1.370	1.220	1.403	2768	2465
4	N	1.387	0.978	0.750	1.038	748	422
4	N	0.775	0.824	0.386	0.662	220	154
4	N	1.315	1.317	1.368	1.333	7426	6872
4	N	0.899	0.773	0.485	0.719	610	376
4	N	0.932	1.072	0.573	0.859	478	417
4	N	0.547	0.467	0.372	0.462	935	991
4	N	0.791	0.495	0.712	0.666	270	236
4	N	0.604	0.662	0.603	0.623	1589	1829
4	N	1.203	1.187	1.008	1.133	34559	33338
4	N	0.400	0.370	0.097	0.289	39	32
4	N	1.458	1.430	1.539	1.476	2778	2151
4	N	1.197	1.114	0.798	1.036	952	868
4	N	0.622	0.574	0.597	0.598	999	745
4	N	0.586	0.538	0.560	0.561	5317	5005
4	N	0.610	0.097	0.145	0.284	2673	1600
4	N	0.993	0.745	1.032	0.923	450	296
4	N	0.190	0.221	0.095	0.169	274	306
4	N	1.291	1.415	1.367	1.358	2095	1973
4	N	0.647	0.562	0.496	0.568	303	217
4	N	0.653	0.770	0.643	0.689	1207	1371
4	N	0.863	1.135	0.869	0.956	1582	1590
4	N	0.976	0.946	0.886	0.936	551	507
4	N	0.825	0.732	0.867	0.808	2171	1638
4	N	1.534	1.757	1.950	1.747	23465	23256
4	N	0.677	0.650	0.917	0.748	1195	939
4	N	1.730	1.593	1.513	1.612	4305	3720
4	N N	1.009 1.165	0.899	0.813 1.153	0.907 1.148	5377	4981
4		0.382	1.126 0.384	0.330	0.365	2259	2204 2314
4	N N	1.691	1.443	1.440	1.525	2278 645	500
4	N	1.362	2.215	1.389	1.655	426	390
4	N	0.998	1.026	0.977	1.000	2863	2546
4	N	0.792	0.720	0.759	0.757	2139	1918
4	N	1.381	1.435	1.057	1.291	1470	1095
4	N	0.590	0.400	0.000	0.495	113	13
4	N N	0.362	0.400	0.000	0.493	61	0
4	N	1.278	1.188	0.000	1.149	2131	1771
4	N	1.551	1.594	1.486	1.149	11836	10403
4	N	1.216	1.167	1.112	1.165	7776	6679
-	T .M	1.410	1.10/	1.114	1.100	///	0019

化学一晶体

	4	NT	0.050	0.000	0.000	0.050	0.67	0
	4	N	0.950	0.000	0.000	0.950	267	0
	4	N	0.780	1.140	0.835	0.918	864	940
	4	N	1.602	1.415	1.594	1.537	2547	2073
	4	N	1.364	1.032	0.842	1.079	591	452
	4	N	1.255	1.189	1.023	1.156	1539	1546
	4	N	0.631	0.659	0.499	0.596	3416	3242
	4	N	0.572	0.530	0.398	0.500	905	861
	4	N	0.146	0.000	0.000	0.146	149	0
	4	N	0.820	0.611	0.536	0.656	876	764
	4	N	1.342	1.241	1.124	1.236	2405	2331
	4	N	0.453	0.579	0.481	0.504	1568	1495
	4	N	0.574	0.591	0.628	0.598	574	551
	4	N	0.958	0.633	0.923	0.838	415	318
	4	N	1.587	1.630	1.483	1.567	6861	6411
	4	N	0.662	0.982	0.683	0.776	877	727
	4	N	0.691	0.681	0.711	0.694	1626	1261
	4	N	0.183	0.170	0.169	0.174	286	253
	4	N	0.276	0.424	0.393	0.364	337	397
	4	N	0.223	0.291	0.306	0.273	449	508
/I. W = /	4	N	0.774	0.915	0.981	0.890	687	628
化学一晶体	4	N	1.451	1.132	1.362	1.315	3635	3575
	4	N	0.200	0.000	0.000	0.200	7	0
	4	N	1.612	1.443	1.434	1.496	3730	3199
	4	N	0.553	0.000	0.000	0.553	98	0
	4	N	0.221	0.116	0.375	0.237	441	405
	4	N	0.769	0.609	0.730	0.703	1049	829
// W = /	4	N	1.448	1.449	2.000	1.632	255	223
化学一晶体	4	N	0.451	0.537	0.554	0.514	4767	4752
	4	N	1.028	1.325	1.133	1.162	1502	1229
	4	N	1.738	1.252	0.940	1.310	2134	1427
	4	N	1.312	1.426	0.972	1.237	3205	3061
	4	N	0.000	0.000	0.000	0.000	255	0
	4	N	0.810	0.782	0.683	0.758	844	636
	4	N	0.800	0.618 0.228	0.857	0.758	856	805
	4	N	0.240		0.286	0.251	249	226
	4	N N	0.515 0.580	0.692 0.621	0.669 0.854	0.625 0.685	2558 485	2447 484
	4	N	0.523	0.518	0.834	0.508	1405	1315
	4	N	0.323	0.000	0.465	0.333	181	0
	4	N	0.333	0.741	0.655	0.333	463	452
	4	N	1.014	1.127	1.022	1.054	2878	2764
	4	N	2.137	2.029	1.557	1.908	4555	4402
	4	N	1.386	1.456	1.421	1.421	3091	2752
	4	N	0.688	0.543	0.696	0.642	1776	1358
	4	N	0.088	0.272	0.340	0.301	452	366
	4	N	0.290	0.610	0.340	0.484	304	352
	4	N		0.511			728	506
	4	N N	0.649 0.821	0.440	0.528 0.375	0.563 0.545	267	198
	4	N N	0.821		0.575	0.343	2342	198
	4	N N	1.149	0.891 0.882	0.910	0.887	4241	3805
	4							
	4	N	1.459	1.084	1.210	1.251	2270	2048

4	N	0.557	0.610	0.584	0.584	1461	1233
4	N	0.813	0.514	0.647	0.658	684	544
4	N	0.323	0.000	0.000	0.323	169	()
4	N	0.688	0.767	0.654	0.703	102	117
4	N	0.552	0.389	0.261	0.401	870	665
4	N	0.150	0.174	0.360	0.228	109	90
4	N	0.325	0.000	0.000	0.325	70	0
4	N	0.263	0.284	0.262	0.270	585	602
4	N	0.417	0.469	0.538	0.475	2515	2141
4	N	0.276	0.291	0.269	0.279	1541	1433
4	N	0.605	0.534	0.534	0.558	1320	1170
4	N	0.393	0.470	0.466	0.443	2703	2532
4	N	0.370	0.417	0.590	0.459	2656	2582
4	N	0.525	0.557	0.511	0.531	2594	2603
4	N	0.438	0.475	0.477	0.463	2475	2397
4	N	0.438	0.110	0.000	0.403	47	9
4	N	0.183	0.440	0.327	0.147	149	102
4		0.429	0.440			1049	921
	N			0.615	0.666		
4	N	0.172	0.000	0.000	0.172	50	0
4	N	2.615	1.529	1.533	1.892	110	81
4	N	1.675	1.742	1.698	1.705	3141	2528
4	N	1.163	1.295	1.229	1.229	1226	1072
4	N	1.637	1.433	0.888	1.319	1264	865
4	N	0.523	0.380	0.460	0.454	491	605
4	N	0.086	0.000	0.000	0.086	13	0
4	N	1.885	1.846	1.640	1.790	2030	1939
4	N	0.998	1.272	1.036	1.102	4486	4178
4	N	1.798	1.731	1.855	1.795	26913	26348
4	N	0.961	0.981	0.977	0.973	7224	6770
4	N	1.742	1.659	1.562	1.654	9324	9043
4	N	1.223	0.997	0.838	1.019	2847	2353
4	N	0.758	0.727	0.654	0.713	828	704
4	N	1.931	1.810	1.780	1.840	2174	1962
4	N	1.226	1.102	1.260	1.196	8397	7094
4	N	0.221	0.302	0.258	0.260	705	675
4	N	0.953	0.852	0.770	0.858	3680	3406
1	Y	5.252	4.853	4.651	4.919	15299	12204
1	Y	4.133	16.692	16.385	12.403	2256	2003
1	Y	7.091	7.409	4.615	6.372	1303	1081
1	Y	10.318	9.392	8.204	9.305	10413	8562
1	Y	4.862	5.238	8.117	6.072	7461	7241
1	Y	4.411	4.874	4.822	4.702	42832	40749
1	Y	6.191	6.123	5.636	5.983	21856	19757
1	Y	4.909	4.707	4.929	4.848	8268	6856
1	Y	5.429	4.737	4.502	4.889	27799	25826
1	Y	6.922	5.065	4.269	5.419	2211	1586
1	Y	5.561	5.876	4.786	5.408	10842	9162
1	Y	5.913	5.304	4.435	5.217	3191	2692
1	Y	6.397	5.029	0.000	5.713	1270	443
2	N	3.130	2.884	2.308	2.774	7746	6468
2	N	4.796	4.670	4.543	4.670	23373	21622

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2	N	3.657	4.667	4.036	4.120	659	493
2	N	3.124	3.517	2.975	3.205	6643	6058
2	Y	3.139	2.890	2.549	2.859	28524	25614
2	N	2.981	3.224	3.018	3.074	6238	5595
2	N	3.246	3.445	2.813	3.168	1290	747
2	N	3.167	3.566	3.296	3.343	13288	11956
2	Y	3.253	3.054	2.739	3.015	31197	25916
2	N	3.635	3.202	2.890	3.242	5849	5038
2	N	4.666	4.705	3.934	4.435	14167	13171
2	N	4.224	3.446	2.965	3.545	2409	1889
2	N	4.385	4.099	3.066	3.850	4117	3490
2	N	3.672	3.628	3.571	3.624	12382	11506
2	N	3.586	3.376	2.684	3.215	3960	3380
2	N	3.507	2.355	2.405	2.756	1648	1330
2	N	4.786	3.516	2.797	3.700	5746	4513
2	N	3.426	3.135	3.135	3.232	15486	12610
2	N	3.237	3.038	2.962	3.079	5029	4797
2	N	2.411	2.492	3.894	2.932	1348	1069
2	Y	4.630	4.458	4.363	4.484	68301	58565
2	N	3.193	3.448	2.905	3.182	2620	2439
2	N	4.546	3.699	3.157	3.801	7240	6625
2	N	4.294	4.090	4.335	4.240	7213	7029
2	N	3.340	3.955	3.915	3.737	1832	1291
2	N	2.891	3.151	2.887	2.976	1833	1621
2	N	3.714	4.220	3.747	3.894	10547	10187
2	N	4.197	4.560	4.220	4.326	9571	8614
2	N	4.087	4.566	3.539	4.064	7909	7051
2	N	4.690	4.262	4.422	4.458	11390	10422
2	N	3.227	3.353	3.000	3.193	204	134
2	N	2.613	2.797	4.373	3.261	541	491
2	N	3.617	3.316	0.000	3.467	724	641
2	N	3.129	3.008	2.973	3.037	24499	
2	N	3.147	2.970	3.136	3.084	16164	
2	N	4.684	3.680	3.043	3.802	770	560
2	N	3.612	3.943	3.013	3.523	14332	15619
2	Y	4.355	3.587	3.427	3.790	33139	28053
3	N	2.354	2.235	1.817	2.135	3674	2918
3	N	2.739	2.686	2.350	2.592	4135	3636
3	N	2.486	2.092	1.487	2.022	3324	3115
3	N	2.358	2.587	2.495	2.480	1293	1194
3	N	1.743	2.190	2.385	2.106	3431	3259
3	N	2.045	1.915	1.646	1.869	1250	1041
3	N	1.743	1.864	1.620	1.742	5138	4877
3	N	1.578	1.826	1.674	1.693	1798	1599
3	N	2.422	2.584	2.247	2.418	1306	1006
3	N	2.066	1.473	1.421	1.653	5053	4121
3	N	2.771	2.961	2.534	2.755	5285	5324
3	N N	3.074	2.788	2.334	2.755	2636	1827
3	N N	2.270	2.170	1.704	2.062	4196	3934
3	N N	1.933		1.704	1.718	3550	3097
3			1.874				
5	N	1.926	1.659	1.420	1.668	1620	1185

3	N	1.849	2.408	1.733	1.997	2199	1784
3	N	2.089	2.315	1.492	1.965	424	313
3	N	1.719	0.000	0.000	1.719	82	28
3	N	2.040	1.455	1.661	1.719	365	194
3	N	2.422	1.912	1.549	1.961	6081	4347
3	N	2.745	1.836	2.175	2.252	3200	2139
3	N	3.102	1.984	1.576	2.221	1215	693
3	N	1.871	2.176	2.077	2.041	9385	8831
3	N	1.735	2.855	2.215	2.268	1170	953
3	N	2.133	2.590	2.014	2.246	5111	4447
3	N	1.850	2.317	2.809	2.325	924	816
3	N	3.164	2.301	1.810	2.425		2385
3	N	2.481	0.000	0.000	2.481	600	0
3	N	2.868	2.181	2.361	2.470	2782	2622
3	N	3.342	1.719	1.200	2.087	494	120
3	N	2.529	2.765	2.467	2.587	585	498
3	N	2.322	1.975	1.415	1.904	1160	820
3	N	1.831	1.899	1.728	1.819		1566
3						1720	
3	N	2.565	2.420	2.309	2.431	13017	12344
	N	1.708	1.495	1.655	1.619	1458	1202
3	N	1.870	2.002	1.798	1.890	7644	7038
3	N	3.644	1.646	0.000	2.645	418	113
3	N	2.636	1.828	1.607	2.024	1292	906
3	N	2.529	2.239	1.902	2.223	4898	4460
3	N	1.670	2.020	1.523	1.738	3782	3694
3	N	2.411	2.327	1.941	2.226	8381	7509
3	N	2.010	2.106	1.852	1.989	3382	3230
3	N	2.367	1.794	1.446	1.869	5010	3437
3	N	2.225	1.989	1.833	2.016	2942	2338
3	N	2.291	2.098	0.000	2.195	12391	11128
3	N	2.393	2.041	1.962	2.132	1200	791
3	N	1.724	1.676	0.000	1.700	2717	2554
3	N	2.376		2.251	2.221	4803	
3	N	3.293	2.453	2.061	2.602	3901	3373
3	N	2.170	1.953	1.633	1.919	3490	2830
3	N	2.519	2.631	2.546	2.565	27701	26497
3	N	1.755	2.032		1.906	2992	3009
3	N	2.630	2.562	2.334	2.509	9572	8373
3	N	2.414	1.451	1.383	1.749	1797	1706
3	N	1.665	1.892	1.928	1.828	2253	1973
3	N	2.477	3.321	1.818	2.539	961	879
3	N	1.599	1.959	1.551	1.703	1148	918
3	N	1.682	2.238	1.795	1.905	646	718
3	N	2.905	2.579	2.182	2.555	20059	17331
3	N	1.651	0.000	0.000	1.651	99	()
3	N	1.894	1.727	2.818	2.146	258	223
3	N	2.433	2.208	1.338	1.993	4660	3379
3	N	2.447	2.398	2.154	2.333	24059	22302
4	N	1.609	1.456	1.306	1.457	1795	1559
4	N	0.762	1.200		1.015	1384	1402
4	N	1.173				600	524

4	N	0.629	0.621	0.688	0.646	1237	1006
4	N	0.665	0.755	0.722	0.714	3284	3282
4	N	1.326	1.265	1.295	1.295	2017	1757
4	N	0.231	0.143	0.800	0.391	182	175
4	N	1.349	1.305	1.431	1.362	690	579
4	N	1.476	1.619	1.240	1.445	1328	1201
4	N	1.549	1.105	0.925	1.193	836	663
4	N	0.636	0.323	0.237	0.399	381	323
4	N	1.383	0.593	0.293	0.756	2070	2313
4	N	0.284	0.000	0.000	0.284	72	0
4	N	0.612	0.348	0.417	0.459	190	149
4	N	0.012	0.609	0.563	0.721	4552	4081
4	N	0.992	0.009	0.020	0.721	33	5
4	N	0.669	0.675	0.557	0.634	739	702
4	N	0.156	0.064	0.143	0.121	786	793
4	N	0.606	0.286	0.000	0.446	31	15
4	N	0.634	0.838	0.475	0.649	397	409
4	N	0.750	0.645	0.733	0.709	217	214
4	N	1.474	1.446	1.250	1.390	789	622
4	N	0.426	0.000	0.000	0.426	125	0
4	N	1.016	0.000	0.000	1.016	195	0
4	N	1.412	1.145	0.000	1.279	293	117
4	N	1.063	1.300	0.911	1.091	401	398
4	N	0.792	0.898	0.604	0.765	294	256
4	N	0.127	0.000	0.000	0.127	13	0
4	N	0.615	0.000	0.000	0.615	85	()
4	N	1.299	1.075	1.268	1.214	205	95
4	N	1.485	1.206	1.053	1.248	1649	1418
4	N	1.117	1.467	1.333	1.306	1453	1481
4	N	0.230	0.000	0.000	0.230	69	()
4	N	1.155	1.133	1.137	1.142	4106	3812
4	N	2.109	1.366	1.080	1.518	406	293
4	N	1.541	1.875	1.143	1.520	1648	1554
4	N	0.000	0.000	0.000	0.000	3	()
4	N	1.180	1.052	0.860	1.031	472	365
4	N	0.885	0.000	0.000	0.885	231	0
4	N	1.111	1.039	0.944	1.031	1083	808
4	N	1.000	1.000	0.981	0.994	267	249
4	N	0.529	1.077	1.412	1.006	298	302
4	N	1.622	1.238	1.086	1.315	954	723
4	N	1.078	1.026	0.722	0.942	3802	3058
4	N	1.408	1.109	1.240	1.252	3963	3196
4	N	1.056	0.754	1.279	1.030	441	369
4	N	1.356	1.035	0.885	1.092	4085	3219
4	N	0.921	1.054	1.000	0.992	807	654
4	N	0.000	0.000	0.000	0.000	5	0
4	N	0.276	0.000	0.000	0.276	89	()
4	N	0.762	0.674	0.735	0.724	2271	2104
4	N	1.918	1.444	1.293	1.552	548	429
4	N	1.000	0.719	0.788	0.836	828	715
4	N	1.554	1.408	1.124	1.362	631	331

4	N	1.247	0.888	0.500	0.878	906	646
4	N	0.531	0.463	0.429	0.474	1289	984
4	N	0.895	0.000	0.000	0.895	62	0
4	N	0.565	0.000	0.000	0.565	202	0
4	N	1.831	1.304	1.441	1.525	3267	2909
4	N	1.033	0.957	1.194	1.061	498	464
4	N	0.838	0.273	0.000	0.556	112	56
4	N	0.136	0.096	0.129	0.120	193	163
4	N	1.528	1.290	0.912	1.243	984	953
4	N	0.845	1.210	0.742	0.932	557	492
4	N	1.418	1.216	1.604	1.413	2020	1721
4	N	0.698	0.629	0.500	0.609	328	317
4	N	1.703	1.114	1.026	1.281	1547	1308
4	N	0.624	0.568	0.435	0.542	596	521
4	N	0.781	0.271	0.000	0.526	87	23
4	N	1.417	0.000	0.000	1.417	302	0
4	N	1.321	1.217	1.489	1.342	559	349
4	N	0.908	0.000	0.000	0.908	173	0
4	N	0.525	0.510	0.409	0.481	310	279
4	N	0.881	0.738	0.444	0.688	385	235
4	N	1.063	1.016	0.585	0.888	320	367
4	N	0.725	0.842	0.000	0.784	60	76
4	N	1.618	1.208	1.436	1.421	2424	1963
4	N	0.644	0.000	0.000	0.644	92	0
4	N	1.426	1.589	1.349	1.455	4390	3563
4	N	1.867	1.362	1.073	1.434	2490	1701
4	N	1.508	0.000	0.000	1.508	151	0
4	N	0.941	0.773	0.639	0.784	405	364
4	N	1.048	1.085	1.174	1.102	3852	3562
4	N	0.817	0.805	0.813	0.812	395	356
4	N	0.168	0.000	0.000	0.812	91	0
4	N	1.268	1.114	0.963	1.115	2633	2363
4	N	1.363	1.002	0.967	1.113	2359	1885
4		1.097	0.930	0.683	0.903	1015	870
4	N N	1.412	0.720	0.480	0.903	1438	842
4	N	1.000	0.720	0.000	1.000	119	0
4	N	0.780	0.000	0.000	0.780	204	0
4	N	0.400	0.000	0.000	0.780	133	0
4	N N	0.400	0.000	0.837	0.400	191	172
4	N N	1.125	0.940	1.207	1.101	655	481
4	N N	1.054	1.169		1.101		461
4	N N	0.277	0.585	0.903 0.981	0.614	475 59	57
4		1.318				2379	2281
4	N N		1.566	1.370	1.418		
	N	1.469	1.394	1.164	1.342	498	346
4	N	0.849	0.626	0.622	0.699	550	470
4	N	1.361	1.323	1.528	1.404	7051	6786
4	N	0.235	0.000	0.000	0.235	4	0
4	N N	0.928	0.746	1.041	0.905	480	312
4	N	1.556	1.055	0.593	1.068	493	418
4	N	1.561	1.500	1.646	1.569	2547	2415
4	N	0.573	0.750	0.600	0.641	618	557

4	N	0.227	0.000	0.000	0.227	27	0
4	N	1.217	0.989	1.015	1.074	1361	1051
4	N	0.688	0.792	0.709	0.730	331	236
4	N	0.489	0.600	0.383	0.491	220	174
4	N	1.106	0.862	0.944	0.971	605	560
4	N	0.500	0.500	0.539	0.513	273	241
4	N	0.512	0.424	0.308	0.415	643	675
4	N	0.815	1.036	0.972	0.941	1023	912
4	N	0.600	0.000	0.000	0.600	122	0
4	N	1.693	1.381	1.037	1.370	1047	955
4	N	1.252	0.981	1.515	1.249	1092	755
4	N	0.833	0.424	0.000	0.629	702	649
4	N	0.056	0.000	0.000	0.056	118	0
4	N	1.103	0.865	0.000	0.984	635	422
4	N	1.567	1.730	1.236	1.511	3680	3291
4	N	0.384	0.443	0.433	0.420	294	204
4	N	0.947	0.963	0.627	0.846	989	616
4	N	0.582	0.583	0.415	0.527	297	332
4	N	1.539	1.895	1.314	1.583	576	519
4	N	1.124	0.400	0.580	0.701	568	365
4	N	1.635	1.787	1.070	1.497	936	893
4	N	0.707	0.951	0.528	0.729	3645	4732
4	N	1.164	1.231	0.545	0.980	311	316
4	N	1.290	1.636	0.000	1.463	202	183
4	N	1.987	1.133	1.270	1.463	2119	1582
4	N	0.723	0.765	0.725	0.738	940	929
4	N	0.309	0.354	0.654	0.439	365	359
4	N	0.375	0.213	0.327	0.305	79	39
4	N	0.414	0.282	0.200	0.299	417	381
4	N	0.800	0.881	0.646	0.776	343	300
4	N	0.487	0.356	0.402	0.415	271	217
4	N	0.364	0.332	0.370	0.355	953	947
4	N	1.419	0.951	0.789	1.053	534	368
4	N	1.409	0.000	0.000	1.409	32	0
4	N	1.991	1.441	1.355	1.596	1516	1226
4	N	0.475	0.723	0.750	0.649	597	603
4	N	1.308	0.835	0.661	0.935	1298	1073
4	N	1.676	1.398	1.224	1.433	7729	6961
4	N	0.493	0.648	0.461	0.534	110	77
4	N	0.965	0.966	1.118	1.016	1767	1668
4	N	1.175	0.000	0.000	1.175	493	0
4	N	2.013	1.350	0.790	1.384	1275	701
4	N	0.073	0.000	0.000	0.073	214	0
4	N	0.911	0.721	1.120	0.917	1213	1005
4	N	1.094	1.005	1.240	1.113	15508	14073
4	N	0.305	0.318	0.379	0.334	267	261
4	N	1.328	1.117	0.973	1.139	2362	1897
1	Y	3.800	3.114	2.773	3.229	2334	2025
1	Y	3.197	3.668	2.323	3.063	7048	7232
1	Y	1.580	3.014	3.203	2.599	986	1103
1	Y	2.131		2.730	2.367	3167	2909
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1	Y	4.489	3.158	3.788	3.812	1068	854
1	Y	2.427	2.812	2.348	2.529	1646	1551
1	Y	2.892	3.161	3.160	3.071	3546	2995
1	Y	2.238	0.000	0.000	2.238	121	11
1	Y	2.461	2.068	1.898	2.142	7306	6192
1	Y	2.806	2.234	2.319	2.453	904	596
1	Y	2.469	2.562	2.532	2.521	56340	51062
1	Y	2.466	2.123	2.102	2.230	22105	21492
1	Y	2.463	2.486	2.361	2.437		24039
1	Y	2.272	2.008	2.357	2.212	2256	1977
1	Y	2.161	1.792	2.531	2.161	1600	1453
1	Y	2.978	2.926	2.580	2.828	16811	15689
1	Y	2.179	2.207	2.104	2.163	19147	17581
1	Y	2.292	2.283	2.141	2.239	5373	5628
1	Y	2.874	2.370	2.010	2.418	8396	6660
1	Y	3.579	3.060	4.125	3.588	2289	1832
2	N	2.110	1.708	1.677	1.832	2242	1876
2	N	2.016	1.646	1.388	1.683	3386	2408
2	N	1.416	1.532	1.413	1.454	8480	8449
2	N	1.171	1.689	1.798	1.553	3412	3623
2	N	1.866	1.882	1.458	1.735		4846
2	N	1.563	1.890		1.731	4274	3991
2	N	1.441	1.554	1.757	1.529	1418	1312
2	N	1.831	1.823	1.404	1.686	5169	5252
2	N	2.122	2.247	1.404	2.060	3036	2563
2	N	1.482	1.398	1.534	1.471	1106	899
2	Y	1.462	1.678	1.735	1.471	18803	15896
2	N	2.003	1.524	1.755	1.779	4545	4407
2	N	1.654	1.700	1.009	1.532	2144	1911
2				1.237			
2	N Y	1.757	1.446		1.465		4609
2		1.951	2.276	2.058	2.095	15819	15148
2	N	1.687	1.586	1.598	1.624	4208	3522
_	N	1.651	2.165	2.528	2.115	1568	1733
2	N	1.512	1.813	1.206	1.510	962	916
2	N	1.837	2.080	1.607	1.841	4842	4406
2	N	2.419	2.376	1.503	2.099	2217	1882
2	N	1.867	1.556	1.230	1.551	392	265
2	N	1.931	1.648	1.482	1.687	2874	2549
2	N	2.336	2.032	1.664	2.011	4636	4092
2	N	2.833	1.712	1.470	2.005	1334	1116
2	Y	1.950	2.110	1.579	1.880	15088	14451
2	N	1.444	1.664	1.258	1.455	3207	3536
2	N	1.920	1.661	1.934	1.838	5689	4353
2	N	2.103	1.660	1.199	1.654	1926	1408
2	N	1.901	1.432	1.695	1.676	1405	1133
2	N	1.753	1.891	1.737	1.794	823	654
2 2	N	2.283	1.515	0.891	1.563	1238	1008
	N	1.697	1.540	1.712	1.650	2461	2322
2	N	2.168	1.885	1.776	1.943	3887	3343
2	Y	1.714	1.773	1.820	1.769	11926	11909
2	N	2.092	1.788	1.461	1.780	2136	1729

2	N	2.190	2.040	1.867	2.032	2990	2732
2	N	2.121	1.874	1.790	1.928	8813	8918
2	Y	2.517	1.998	1.821	2.112	16763	13832
2	N	2.311	2.128	1.590	2.010	4344	4342
2	N	1.673	1.668	1.603	1.648	11348	10804
2	N	2.121	1.506	1.704	1.777	3474	2750
2	N	1.606	1.526	1.297	1.476	1623	1309
2	N	1.939	2.375	1.462	1.925	614	585
2	N	2.883	1.695	1.846	2.141	5192	3811
2	N	2.027	1.895	0.795	1.572	1509	1256
2	N	2.073	2.041	1.911	2.008	10357	10018
2	N	1.854	0.000	0.000	1.854	112	19
2	N	1.603	1.629	1.467	1.566	1967	1888
2	N	1.963	1.907	1.957	1.942	4958	4284
2	N	2.323	1.802	1.755	1.960	2843	2074
2	N	2.278	2.039	2.016	2.111	8676	7045
2	N	1.572	1.664	1.432	1.556	2562	2220
2	N	2.033	1.793	1.352	1.726	2068	1854
2	N	1.451	1.631	1.299	1.460	4074	3968
3	N	1.000	0.899	0.717	0.872	1273	974
3	N	1.554	1.377	1.222	1.384	607	535
3	N	1.123	1.186	0.614	0.974	563	520
3	N	1.650	1.649	1.000	1.433	373	228
3	N	1.528	1.280	1.221	1.433	9866	9210
3	N	1.209	0.669	0.714	0.864	1040	848
3	N	1.461	0.009	0.000	1.228	623	234
3							
3	N N	1.099	0.991	1.067	1.052 1.202	2818	2194
3	N N	0.901 1.227	1.467	1.237	0.908	954	675
3	N	0.900	0.667 0.893	0.831 1.469		1257	1081 513
3					1.087	558	
3	N	0.917	0.814	0.948	0.893	2873	2864
	N	1.007	0.856	1.310	1.058	3012	2640
3	N	1.158		0.595		2725	2629
3	N	0.600	1.556	0.696	0.951	136	149
3	N	1.102	0.917	0.862	0.960	1577	1386
3	N	1.382	0.989	1.079	1.150	731	592
3	N	1.064	1.134	1.071	1.090	3169	3117
3	N	0.935	1.091	0.588	0.871	384	399
3	N	1.246	1.434	1.510	1.397	9520	9619
3	N	1.000	1.023	1.007	1.010	2170	1932
3	N	1.312	1.227	0.959	1.166	1415	1105
3	N	0.882	0.855	0.866	0.868	2000	1707
3	N	1.286	1.389	1.115	1.263	140	140
3	N	1.000	0.000	0.000	1.000	35	1
3	N	1.331	1.201	1.129	1.220	2939	2758
3	N	1.735	1.325	1.151	1.404	13933	12499
3	N	1.405	1.403	1.050	1.286	6171	5983
3	N	1.245	1.190	1.489	1.308	3127	2902
3	N	1.232	0.841	0.505	0.859	1741	1580
3	N	1.531	1.434		1.387	4016	3540
3	N	1.264	1.404	0.968	1.212	795	681

3	N	0.905	0.000	0.000	0.905	19	1
3	N	1.400	0.000	0.000	1.400	61	6
3	N	0.872	1.225	0.744	0.947	387	332
3	N	1.155	0.768	0.898	0.940	640	440
3	N	1.418	1.472	0.909	1.266	1003	927
3	N	1.238	0.967	0.731	0.979	1654	1289
3	N	1.316	1.378	1.035	1.243	1152	1060
3	N	0.750	0.982	0.833	0.855	381	302
3	N	1.658	1.471	1.093	1.407	3274	3498
3	N	1.009	0.972	0.915	0.965	4012	5235
3	N	1.706	1.077	1.038	1.274	948	790
3	N	1.229	1.171	0.911	1.104	851	708
3	N	1.153	0.763	1.178	1.031	873	772
3	N	1.343	1.437	1.507	1.429	2557	2467
3	N	1.291	1.045	1.168	1.168	853	588
3	N	1.405	1.263	1.259	1.309	1746	1676
3	N	1.100	0.774	0.759	0.878	161	107
3	N	1.595	1.284	1.082	1.320	1629	1322
3	N	0.965	0.892	0.908	0.922	2353	2261
3	N	1.033	1.121	1.076	1.077	2009	1906
3	N	0.698	1.629	0.000	1.164	82	79
3	N	1.546	1.403	0.984	1.311	2652	2245
3	N	1.408	1.581	1.221	1.403	1827	1572
3	N	0.887	0.937	0.000	0.912	542	425
3	N N	1.373	1.330	1.013	1.239	3353	3028
3	N	1.375	1.245	0.856	1.239	884	801
3							
3	N N	1.410	1.091	0.610	1.037 1.004	1197 2924	608
3	N N	1.073	0.811	1.127 1.650	1.004	1279	2275 958
3	N N	1.205 1.350	0.890 1.282	1.116	1.249		1707
3						1984	
3	N	1.026	1.280	1.092	1.133	2398	2246
	N	1.000	1.327	0.607	0.978	427	366
3	N	0.921	1.107	0.930	0.986	390	321
3	N	1.345	1.384	1.274	1.334	3309	3178
3	N	1.238	0.918		1.032	1663	1591
3	N	1.075	0.836	0.690	0.867	1336	1270
	N	1.197	0.859	0.694	0.917	3442	3074
3	N	1.190	0.918	0.817		936	840
3	N	1.428	1.193	0.966	1.196	3213	2881
3	N	0.974	1.037	0.977	0.996	5193	5147
3	N	0.989	1.152	0.690	0.944	1526	1520
3	N	1.256	1.569	1.319		5823	5324
3	N	0.889	0.902	1.042	0.944	6188	6083
3	N	1.426	1.250	1.044	1.240	540	373
3	N	0.804	0.958	0.000	0.881	137	135
3	N	0.931	0.862	0.777	0.857	661	515
3	N	1.543	1.379	1.393	1.438	851	705
3	N	1.516	1.559	0.820	1.298	815	864
3	N	1.367	1.443	1.372	1.394	3704	3463
3	N	1.467			1.176	757	721
3	N	1.055	0.985	1.053	1.031	1801	1528

3	N	1.504	1.240	1.087	1.277	10403	9440
3	N	1.613	1.398	1.273	1.428	1096	968
4	N	0.393	0.489	0.425	0.436	451	393
4	N	0.460	0.407	0.462	0.443	326	262
4	N	0.505	0.441	0.398	0.448	385	319
4	N	0.375	0.000	0.000	0.375	44	()
4	N	0.403	0.395	0.687	0.495	450	443
4	N	0.642	0.624	0.474	0.580	551	417
4	N	0.179	0.167	0.143	0.163	104	108
4	N	0.080	0.000	0.000	0.080	28	0
4	N	0.716	0.000	0.000	0.716	168	0
4	N	0.925	0.697	0.161	0.594	266	269
4	N	0.375	0.097	0.267	0.246	176	107
4	N	0.451	0.000	0.000	0.451	174	0
4	N	0.161	0.000	0.000	0.161	133	0
4	N	0.364	0.000	0.000	0.364	13	0
4	N	0.354	0.000	0.000	0.354	283	0
4	N	0.288	0.179	0.235	0.234	212	218
4	N	0.264	0.232	0.185	0.227	257	204
4	N	1.016	0.845	0.603	0.821	1709	1442
4	N	0.793	0.525	0.672	0.663	392	272
4	N	0.411	0.444	0.471	0.442	208	163
4	N	0.667	0.604	0.792	0.688	423	400
4	N	0.040	0.000	0.000	0.040	80	0
4	N	0.616	0.573	0.554	0.581	601	559
4	N	0.353	0.000	0.000	0.353	55	0
4	N	0.171	0.000	0.000	0.171	148	0
4	N	0.346	0.000	0.000	0.346	126	0
4	N	0.174	0.129	0.147	0.150	99	111
4	N	1.380	0.612	0.479	0.824	398	336
4	N	0.355	0.657	0.565	0.526	930	888
4	N	0.753	0.608	0.828	0.730	664	601
4	N	0.448	0.373	0.256	0.359	352	327
4	N	0.240	0.329	0.155	0.241	134	153
4	N	0.595	0.679	0.612	0.629	579	493
4	N	0.349	0.499	0.222	0.357	785	675
4	N	0.667	0.000	0.000	0.667	28	0
4	N	0.031	0.121	0.147	0.100	98	120
4	N	0.083	0.000	0.000	0.100	1	0
4	N	0.045	0.000	0.000	0.045	42	0
4	N	0.513	0.430	0.449	0.464	550	514
4	N	0.218	0.430	0.273	0.404	237	253
4	N	0.364	0.000	0.000	0.270	85	0
4	N	0.107	0.109	0.085	0.100	74	44
4	N	0.107	0.812	0.721	0.100	692	634
4	N	0.824	0.523	0.721	0.639	297	330
4	N N	0.824	0.323	0.371	0.639	280	366
4	N N	0.392	0.000	0.490	0.401	112	0
4	N N	0.273	0.304	0.000	0.273	195	149
4	N N	0.173	0.000	0.128	0.202	426	0
4	N	0.129	0.353	0.371	0.284	342	385

4	N	0.660	0.659	0.680	0.666	1710	1833
4	N	0.194	0.102	0.266	0.187	103	107
4	N	0.266	0.000	0.000	0.266	137	()
4	N	0.405	0.000	0.000	0.405	18	()
4	N	0.448	0.000	0.000	0.448	785	()
4	N	0.128	0.103	0.063	0.098	121	100
4	N	0.491	0.000	0.000	0.491	88	0
4	N	0.086	0.000	0.941	0.514	19	()
4	N	0.300	0.000	0.000	0.300	39	()
4	N	0.276	0.000	0.000	0.276	770	0
4	N	0.061	0.000	0.000	0.061	7	0
4	N	0.397	0.357	0.462	0.405	3369	3075
4	N	0.642	0.542	0.000	0.592	1368	1473
4	N	0.712	0.638	0.928	0.759	710	693
4	N	0.235	0.000	0.000	0.235	15	0
4	N	0.487	0.000	0.000	0.487	178	0
4	N	0.052	0.105	0.068	0.075	150	148
4	N	0.000	0.000	0.000	0.000	1	0
4	N	1.008	0.735	0.633	0.792	468	346
4	N	0.574	0.000	0.000	0.574	32	5
4	N	0.344	0.000	0.000	0.344	62	0
4	N	0.523	0.373	0.469	0.455	880	766
4	N	0.480	0.538	0.355	0.458	493	462
4	N	0.276	0.000	0.000	0.276	64	0
4	N	0.367	0.300	0.244	0.304	126	125
4	N	0.222	0.149	0.120	0.164	406	353
4	N	0.627	0.787	0.678	0.697	629	681
4	N	0.643	0.300	0.277	0.407	891	646
4	N	0.684	0.781	0.766	0.744	2275	2173
4	N	0.612	0.350	0.581	0.514	334	207
4	N	0.609	0.737	0.840	0.729	932	965
4	N	0.359	0.000	0.000	0.359	76	0
4	N	0.312	0.000	0.000	0.312	733	0
4	N	0.600	0.000	0.000	0.600	120	0
4	N	0.696	0.914	0.794	0.801	4892	5999
4	N	0.392	0.522	0.702	0.539	720	979
4	N	0.825	1.000	0.687	0.837	860	794
4	N	0.151	0.169	0.169	0.163	167	132
4	N	0.102	0.088	0.122	0.104	719	680
4	N	0.137	0.183	0.116	0.145	853	1189
4	N	0.062	0.000	0.000	0.062	196	0
4	N	0.580	0.000	0.000	0.580	218	0
4	N	0.536	0.597	0.413	0.515	231	236
4	N	0.092	0.000	0.000	0.092	15	0
4	N	0.319	0.000	0.000	0.319	95	0
4	N	0.326	0.000	0.000	0.326	104	0
4	N	0.635	0.350	0.000	0.493	34	11
4	N	0.558	0.000	0.000	0.558	148	0
4	N	0.054	0.114	0.146	0.105	33	29
4	N	0.016	0.000	0.000	0.016	15	0
4	N	0.806	0.233	0.425	0.488	192	161

4	N	0.132	0.142	0.093	0.122	200	157
4	N	1.108	0.480	0.623	0.737	547	292
4	N	0.313	0.250	0.231	0.265	215	157
4	N	0.086	0.256	0.105	0.149	81	102
4	N	0.139	0.132	0.218	0.163	258	169
4	N	0.066	0.000	0.000	0.066	31	0
4	N	0.077	0.204	0.037	0.106	138	163
4	N	0.065	0.000	0.000	0.065	144	0
4	N	0.755	0.968	0.767	0.830	1970	2209
4	N	0.444	0.473	0.404	0.440	95	128
4	N	0.692	0.386	0.305	0.461	473	462
4	N	0.176	0.000	0.000	0.176	213	0
4	N	0.193	0.178	0.200	0.190	199	152
4	N	0.712	0.660	0.558	0.643	283	237
4	N	0.753	0.568	0.588	0.636	935	791
4	N	0.444	0.000	0.000	0.444	230	0
4	N	0.551	0.381	0.302	0.411	254	190
4	N	0.223	0.265	0.154	0.214	129	159
4	N	0.472	0.515	0.230	0.406	471	428
4	N	0.214	0.271	0.148	0.211	35	18
4	N	0.352	0.192	0.239	0.261	179	142
4	N	0.349	0.282	0.232	0.288	403	262
4	N	0.655	0.714	0.000	0.685	60	45
4	N	0.780	0.741	0.492	0.671	383	298
4	N	0.839	0.862	0.658	0.786	2222	2722
4	N	0.771	0.917	0.696	0.795	239	320
4	N	1.018	0.653	0.287	0.653	874	1117
4	N	0.113	0.000	0.000	0.113	87	0
4	N	0.869	0.769	0.694	0.777	525	472
4	N	0.346	0.566	0.147	0.353	272	325
4	N	0.512	0.569	0.593	0.558	2755	2444
4	N	0.564	0.000	0.000	0.564	108	0
4	N	0.083	0.412	0.357	0.284	51	50
4	N	0.224	0.398	0.382	0.335	506	540
4	N	0.385	0.274	0.238	0.299	362	321
4	N	0.528	0.746	0.587	0.620	169	165
4	N	0.323	0.476	0.287	0.362	196	204
4	N	0.309	0.000	0.000	0.309	104	0
4	N	0.304	0.639	0.438	0.460	186	255
4	N	0.693	0.614	0.646	0.651	309	278
4	N	0.931	0.740	0.702	0.791	1099	1097
4	N	0.638	0.591	0.527	0.585	587	486
4	N	0.713	0.725	0.717	0.718	2917	2663
4	N	0.780	0.693	0.657	0.710	1192	910
4	N	0.456	0.386	0.343	0.395	952	819
4	N	0.393	0.406	0.439	0.413	324	293
4	N	0.696	0.389	0.762	0.616	139	133
4	N	0.141	0.000	0.000	0.141	72	0
4	N	0.202	0.127	0.111	0.147	205	203
4	N	0.339	0.000	0.000	0.339	178	0
4	N	0.281		0.000	0.281	105	0
	* 1	0.201			0.201	- 00	

4	N	0.387	0.385	0.615	0.462	276	202
4	N	0.535	0.473	0.535	0.514	165	133
4	N	0.645	0.000	0.000	0.645	158	0
4	N	0.200	0.088	0.104	0.131	148	137
4	N	0.492	0.000	0.000	0.492	368	0
4	N	0.565	0.588	0.000	0.577	478	513
4	N	0.711	0.000	0.000	0.711	115	0
4	N	0.645	0.466	0.528	0.546	415	288
4	N	0.728	0.845	0.733	0.769	690	706
4	N	0.515	0.318	0.618	0.484	1026	1131
4	N	0.481	0.303	0.248	0.344	390	419
4	N	0.165	0.135	0.156	0.152	1787	2000
4	N	0.491	0.857	0.242	0.530	493	541
4	N	0.464	0.527	0.612	0.534	354	358
4	N	0.432	0.693	0.422	0.516	808	738
4	N	0.375	0.361	0.242	0.326	249	230
4	N	0.681	0.645	0.274	0.533	2580	2488
4	N	0.563	0.425	0.634	0.541	448	267
4	N	0.320	0.333	0.118	0.257	262	313
4	N	0.145	0.227	0.173	0.182	143	105
4	N	0.102	0.000	0.000	0.102	31	0
4	N	0.167	0.000	0.000	0.167	31	0
4	N	0.868	0.758	0.729	0.785	508	428
4	N	0.697	0.000	0.000	0.697	351	0
4	N	0.114	0.065	0.071	0.083	133	130
4	N	0.435	0.465	0.291	0.397	185	158
4	N	0.236	0.127	0.149	0.171	251	230
4	N	0.382	0.270	0.135	0.262	272	217
4	N	0.222	0.167	0.333	0.241	59	20
4	N	0.844	0.898	0.564	0.769	166	100
4	N	0.491	0.660	0.300	0.484	818	792
4	N	0.265	0.000	0.000	0.265	783	0
4	N	0.145	0.000	0.000	0.145	71	0
4	N	0.461	0.000	0.000	0.461	305	0
4	N	0.557	0.463	0.388	0.469	2412	2082
4	N	0.569	0.000	0.000	0.569	178	0
4	N	0.122	0.090	0.062	0.091	98	88
4	N	0.062	0.167	0.091	0.107	16	14
4	N	0.192	0.221	0.110	0.174	117	70
4	N	0.198	0.267	0.185	0.217	529	543
4	N	0.055	0.000	0.000	0.055	30	0
4	N	0.165	0.000	0.000	0.165	121	0
4	N	0.310	0.000	0.000	0.310	23	0
4	N	0.412	0.365	0.338	0.372	377	307
4	N	0.370	0.000	0.000	0.370	26	0
4	N	0.614	0.708	0.446	0.589	516	447
4	N	0.782	0.700	0.620	0.701	982	834
4	N	0.503	0.660	0.562	0.575	1121	1192
4	N	0.163	0.000	0.000	0.163	104	0
4	N	0.543	0.667	0.545	0.585	1082	988
4	N	0.500	0.000	0.000	0.500	19	0
	1.4	0.500	0.000	0.000	0.500	1.7	U

4	N	0.627	0.688	0.540	0.618	394	445
4	N	0.407	0.388	0.278	0.358	150	99
4	N	0.149	0.000	0.000	0.149	246	0
4	N	0.033	0.000	0.000	0.033	26	0
4	N	0.196	0.000	0.000	0.196	112	0
4	N	0.118	0.000	0.000	0.118	38	0
4	N	0.256	0.254	0.381	0.297	607	553
4	N	0.167	0.138	0.188	0.164	265	255
4	N	0.253	0.309	0.261	0.274	304	273
4	N	0.074	0.000	0.000	0.074	2	0
4	N	0.917	0.300	0.750	0.656	168	148
4	N	0.950	0.559	0.410	0.640	918	740
4	N	0.258	0.353	0.195	0.269	284	330
4	N	0.648	0.479	0.422	0.516	488	365
4	N	0.342	0.280	0.259	0.294	725	591
4	N	0.789	0.656	0.402	0.616	781	764
4	N	0.671	0.537	0.592	0.600	1012	983
4	N	0.838	0.674	0.695	0.736	1743	1796
4	N	0.793	0.917	0.671	0.794	742	702
4	N	0.644	0.659	0.645	0.649	509	410
4	N	0.109	0.000	0.000	0.109	22	0
4	N	1.050	0.630	0.529	0.736	1478	1266
4	N	0.165	0.000	0.000	0.165	91	0
4	N	0.148	0.000	0.000	0.148	15	0
4	N	0.800	0.795	0.753	0.783	938	1004
4	N	0.179	0.219	0.121	0.173	100	75
4	N	0.743	0.690	0.382	0.605	267	197
4	N	0.749	0.854	0.858	0.820	2296	2476
4	N	0.449	0.433	0.500	0.461	329	311
4	N	0.225	0.205	0.395	0.275	210	161
4	N	0.453	0.863	0.574	0.630	216	239
4	N	0.266	0.343	0.211	0.273	147	146
1	Y	4.000	4.378	3.934	4.104	1191	1062
1	Y	4.000	3.865	2.972	3.612	20643	17091
2	N	2.571	2.448	0.000	2.510	245	97
2	N	3.228	2.649	2.983	2.953	1727	1609
2	Y	1.902	1.790	1.990	1.894	8122	6605
3	N	1.000	1.468	0.435	0.968	576	418
3	N	0.906	1.087	0.556	0.850	286	249
3	N	1.619	1.625	1.441	1.562	3579	2987
3	N	1.457	0.815	1.393	1.222	4438	1681
3	N	1.341	0.718	0.514	0.858	265	147
3	N	0.621	0.892	0.824	0.779	758	534
3	N	1.103	1.214	0.907	1.075	2616	2240
4	N	0.171	0.000	0.000	0.171	33	0
4	N	0.207	0.320	0.000	0.264	43	47
4	N	0.000	0.000	0.000	0.000	29	0
4	N	0.529	0.000	0.000	0.529	9	1
4	N	0.474	0.412	0.000	0.443	427	378
4	N	0.413	0.737	0.000	0.575	117	157
4	N	0.684	0.761		0.613	397	498
-	- 1	0.001	01.01		0.010		

4	N	0.136	0.043	0.000	0.090	49	22
4	N	0.494	0.677	0.963	0.711	479	456
4	N	0.125	0.000	0.000	0.125	13	0
4	N	0.220	0.151	0.113	0.161	140	104
4	N	0.487	0.293	0.294	0.358	215	214
4	N	0.679	0.431	0.809	0.640	338	223
4	N	0.635	0.714	0.405	0.585	502	360
4	N	0.870	0.674	0.651	0.732	748	379
4	N	0.625	0.511	0.538	0.558	289	249
4	N	0.210	0.205	0.453	0.289	344	133
4	N	0.387	0.211	0.493	0.364	384	237
1	Y	12.303	10.153	11.092	11.183	34654	32980
1	Y	29.875	30.016	31.190	30.360	17607	16889
1	Y	18.955	17.049	17.757	17.920	4585	4500
1	Y	19.304	0.000	0.000	19.304	490	61
1	Y	19.571	22.731	23.545	21.949	8328	8063
1	Y	8.190	10.161	10.340	9.564	12154	10653
1	Y	11.271	11.918	10.680	11.290	6939	6376
1	Y	13.235	12.780	18.302	14.772	5437	5010
1	Y	11.568	12.029	10.722	11.440	1718	1415
1	Y	12.804	10.902	14.362	12.689	7144	6508
1	Y	11.212	10.237	10.778	10.742	4454	4191
1	Y	23.460	22.192	18.712	21.455	10740	9487
1	Y	31.152	31.253	29.887	30.764	153972	142064
1	Y	13.021	7.436	0.000	10.229	2135	618
1	Y	17.350	16.107	17.148	16.868	6462	4463
1	Y	23.563	16.826	0.000	20.195	4007	1232
1	Y	10.216	8.306	8.933	9.152	2328	2181
1	Y	10.210	10.777	10.539	10.769	37237	33409
1	Y	14.153	12.543	13.444	13.380	13559	12753
1	Y	8.987	9.677	10.150	9.605	7598	7252
1	Y	10.333	8.688	9.189	9.003	7688	6374
1	Y	9.344	9.060	10.150	9.518	9606	8844
1	Y	13.363				14785	
1	Y	12.075	13.623	14.795		54044	51077
1	Y	11.342	10.176	11.224	10.914	22094	18721
1	Y	9.575	9.120	9.598	9.431	71752	68535
1	Y	12.585	16.950	14.629		7417	7106
1	Y						
1	Y	14.608 12.125	12.903	13.156 9.954	13.556	38987	33963 1741
1	Y		12.243		11.441 18.308	2812	
1	Y	19.527 16.058	17.774 14.612	17.623	14.784	25557 5101	22676 3401
1	Y	34.284	30.259	13.683 25.556	30.033	69988	61812
1	Y						
1	Y	16.874	13.651	15.478	15.334	8697	5956
1		27.822	24.185	22.399	24.802	15425	12732
1	Y	17.644	14.310	14.959	15.638	8398	6095
1	Y	42.198	35.423	31.921	36.514	24057	19628
1	Y	12.273	10.987	11.085	11.448	19458	17436
1	Y	9.293	9.296	9.653	9.414	31626	28874
1	Y	12.916	12.683	13.501	13.033	15699	12186
1	Y	9.532	8.883	8.721	9.045	8883	4900

1	Y	8.978	9.125	9.336	9.146	6527	3321
1	Y	8.167	11.237	11.194	10.199	3141	2741
1	Y	10.200	12.188	7.556	9.981	2138	2047
1	Y	11.572	14.101	14.994	13.556	14960	14833
1	Y	12.115	13.385	13.527	13.009	10222	9681
1	Y	11.564	11.904	14.797	12.755	19073	16830
1	Y	8.689	8.659	9.729	9.026	10721	10164
1	Y	9.883	9.210	8.995	9.363	9756	8403
2	N	5.108	5.149	4.741	4.999	1360	867
2	N	4.728	4.953	2.833	4.171	1055	842
2	N	5.250	5.000	7.333	5.861	380	379
2	N	5.750	8.250	4.900	6.300	845	904
2	N	3.200	3.875	5.786	4.287	2592	2693
2	N	7.554	7.791	5.854	7.066	2564	2083
2	N	4.013	4.230	4.230	4.158	16835	16421
2	N	4.319	4.477	4.608	4.468	9930	9381
2	N	7.581	6.190	5.484	6.418	6649	5339
2	Y	3.686	3.801	4.004	3.830	74103	69589
2	N	6.829	5.479	4.657	5.655	3197	1852
2	N	3.688	4.447	3.835	3.990	6497	6233
2	N	3.998	4.180	3.640	3.939	10220	9117
2	N	4.139	4.579	4.041	4.253	4273	3884
2	N	4.357	4.564	3.539	4.153	4858	4371
2	N	4.374	4.893	4.374	4.547	7018	6098
2	Y	5.155	4.371	4.009	4.512	50632	49310
2	N	4.350	4.584	4.384	4.439	10370	9141
2	N	5.125	5.316	5.402	5.281	8656	8462
2	N	4.885	2.909	0.000	3.897	327	74
2	N	4.926	4.328	5.039	4.764	36932	30344
2	N	6.625	8.755	8.833	8.071	4449	4056
2	Y	4.390	4.683	4.627	4.567	49705	47035
2	N	4.064	4.058	4.083	4.068	8783	7971
2							
_	N	5.636	4.734	5.059	5.143	1152	778
2	N	4.294	4.050	4.091	4.145	4236	2562
2	N	3.759	3.926	4.180	3.955	7974	5076
2	N	4.064	3.706	0.000	3.885	716	234
2	N	7.329	4.627	4.415	5.457	2898	2908
2	N	4.288	4.481	4.338	4.369	4288	4018
2	N	4.087	4.120	3.314	3.840	8938	6876
2	N	8.240	7.548	8.254	8.014	11655	10309
2	N	5.725	5.598	5.293	5.539	6620	5393
2	N	6.090	5.511	5.239	5.613	13428	11354
2	N	8.151	4.535	4.217	5.634	3260	2218
2	N	4.094	4.305	4.147	4.182	6317	5866
2	N	5.126	5.251	3.871	4.749	2943	2703
2	N	6.523	5.603	5.718	5.948	8863	7423
2	N	4.979	5.111	4.337	4.809	3428	3383
2	N	4.929	3.515	4.642	4.362	2999	2966
2	N	4.769	6.206	4.477	5.151	1864	1664
2	N	8.295	7.854	7.588	7.912	7200	6346
2	N	7.866	7.483	7.654	7.668	6261	5318
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2	N	5.753	7.827	4.615	6.065	1777	1556
2	N	6.489	7.022	11.816	8.442	3990	3668
2	N	4.379	4.416	4.714	4.503	29930	28536
2	Y	7.194	6.812	7.293	7.100	49204	46547
2	N	4.199	5.095	4.018	4.437	4298	3979
2	N	4.917	3.612	3.525	4.018	1627	1461
2	Y	8.993	8.295	8.662	8.650	74782	73804
2	N	6.907	7.099	7.450	7.152	8743	7823
2	N	4.584	0.000	0.000	4.584	545	()
2	N	5.378	4.289	0.000	4.834	727	655
2	N	3.564	3.925	4.003	3.831	5573	4855
2	N	4.744	0.000	0.000	4.744	290	83
2	N	6.401	7.049	6.791	6.747	35849	34300
2	N	9.783	7.963	9.250	8.999	6025	5238
2	N	3.825	3.812	4.180	3.939	890	665
2	N	3.889	4.002	4.001	3.964	41385	38846
2	N	6.626	6.153	6.589	6.456	12688	9875
2	N	3.929	4.446	3.886	4.087	5577	5062
2	N	4.122	3.823	4.065	4.003	5497	4916
2	N	4.523	4.042	3.974	4.180	8572	8221
2	N	7.386	7.249	7.806	7.480	29567	27279
2	N	4.887	4.178	4.009	4.358	9576	8207
2	N	6.088	4.935	5.506	5.510	3528	3675
2	Y	3.940	3.636	4.013	3.863	63692	58715
2	Y	5.328	5.520	5.581	5.476	406606	407492
2	N	4.418	4.211	3.868	4.166	2299	2170
2	N	4.586	4.313	3.643	4.181	13857	12805
2	N	6.144	6.247	6.383	6.258	36789	34562
2	N	4.271	4.001	3.917	4.063	17681	15622
2	N	4.917	4.409	4.336	4.554	17618	15572
2	Y	3.871	4.146	4.472	4.163	69710	67735
2	N	5.132	5.684	5.675	5.497	10352	8043
2	N	3.851	0.000	0.000	3.851	312	
2	N	4.145	4.262	3.209	3.872	1123	993
2	N	5.979	5.558	6.028	5.855	28605	25456
2	N	9.872	7.280	6.438	7.863	23784	20661
2	N	3.859	4.236	4.121	4.072	1393	846
2	Y	6.057	5.942	6.420	6.140	70185	69445
2	N	8.791	8.834	9.425	9.017	9708	7937
2	N	5.960	5.325	5.169	5.485	22557	19960
2	N	7.480	8.273	6.000	7.251	1095	1048
2	N	5.361	5.213	5.462	5.345	34568	31290
2	N	4.407	4.136	4.275	4.273	7767	6699
2	N	7.097	5.912	4.353	5.787	2030	1704
2	N	6.335	4.170	0.000	5.253	6411	3366
2	N	6.033	5.178	5.249	5.487	20398	16551
2	Y	7.479	6.878	6.954	7.104	95799	86787
2	N	7.312	4.438	3.615	5.122	2030	1893
2	N	4.857	4.248	4.112	4.406	29539	26393
2	N	5.117	5.556	5.529	5.401	18674	15838
2	N	4.732	4.419	3.392	4.181	1617	1205
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2	N	5.081	4.666	4.497	4.748	11291	9882
2	N	6.946	6.493	6.751	6.730	25981	23011
2	Y	6.235	6.110	6.367	6.237	52576	49108
2	N	5.759	5.895	6.236	5.963	4674	2730
2	N	4.351	0.000	0.000	4.351	20466	0
2	N	3.992	6.388	5.009	5.130	3092	2989
2	N	5.900	4.455	4.571	4.975	240	210
2	N	4.426	4.586	5.479	4.830	14334	12441
2	N	4.818	6.688	3.800	5.102	2999	2725
2	N	5.198	5.018	5.840	5.352	9573	8344
2	N	5.559	0.000	0.000	5.559	491	0
2	N	6.342	4.528	6.482	5.784	3824	3434
2	N	5.904	5.397	5.231	5.511	10927	10162
2	N	6.349	4.625	5.923	5.632	1107	738
2	N	8.480	7.833	8.802	8.372	8465	7636
2	N	4.582	4.699	4.409	4.563	8882	6902
2	N	6.255	5.709	6.533	6.166	5857	4646
2	N	6.894	6.138	7.618	6.883	6906	6135
3	N	2.257	2.943	2.620	2.607	10139	9365
3	N	2.667	3.000	1.200	2.289	840	747
3	N	3.389	0.000	0.000	3.389	955	()
3	N	3.900	4.909	2.296	3.702	1007	932
3	N	2.684	2.642	2.512	2.613	13282	11858
3	N	2.404	2.555	2.440	2.466	5795	4825
3	N	2.756	2.353	2.273	2.461	7924	7241
3	N	3.877	4.132	2.780	3.596	3036	2672
3	N	3.287	3.088	3.002	3.126	38554	36555
3	N	2.890	2.828	2.752	2.823	20272	18476
3	N	3.325	2.699	2.075	2.700	1412	879
3	N	2.605	2.459	2.640	2.568	2757	2456
3	N	3.501	2.755	2.939	3.065	11096	9381
3	N	2.145	2.195	2.307	2.216	2410	2340
3	N	4.066	3.971	3.043	3.693	3862	3537
3	N	3.046	2.626	2.578	2.750	20782	20722
3	N	3.257	2.989	3.025	3.090	1157	769
3	N	2.005	2.303	2.303	2.204	5796	5767
3	N	2.958	2.713	2.371	2.681	5745	5425
3	N	3.475	2.282	0.000	2.879	3873	3645
3	N	2.480	2.233	3.078	2.597	3814	3180
3	N	2.749	2.917	2.754	2.807	9008	8433
3	N	3.117	3.289	2.953	3.120	3115	3088
3	N	2.548	2.648	2.749	2.648	75448	73701
3	N	2.605	2.473	2.419	2.499	2678	2472
3	N	3.378	2.979	3.447	3.268	10167	9163
3	N	3.226	3.379	3.368	3.324	93328	94645
3	N	3.897	3.071	2.899	3.289	6039	5384
3	N	2.652	2.444	2.992	2.696	2902	2541
3	N	2.759	2.062	1.799	2.207	2536	1999
3	N	4.415	3.707	2.729	3.617	1540	1216
3	N	2.480	2.347	0.000	2.414	259	121
3	N	3.974	3.438	3.752	3.721	2396	2342

3	N	2.732	3.035	2.840	2.869	5509	5419
3	N	3.322	3.724	0.000	3.523	523	306
3	N	3.521	3.000	2.716	3.079	2620	1711
3	N	3.300	3.469	3.670	3.480	21101	21365
3	N	3.172	2.801	2.170	2.714	2265	1843
3	N	2.895	2.318	0.000	2.607	164	57
3	N	3.172	2.496	4.246	3.305		
3	N	2.605	2.823	2.389	2.606		
3	N	3.061	2.525	3.115	2.900	1213	1128
3	N	3.246	3.394	3.058	3.233	1972	1625
3	N	2.276	0.000	0.000	2.276	339	38
3	N	3.428	3.781	3.493	3.567		
3	N	2.654	3.157	3.092	2.968	996	746
3	N	3.290	3.079	3.337	3.235	1468	1063
3	N	2.890	2.877	2.982	2.916	2270	1358
3	N N				3.010		805
		2.848	2.810	3.371		1186	
3	N	3.774	4.030	3.232	3.679	1264	807
3	N	2.790	2.000	3.062	2.617	644	420
3	N	2.462	2.900	2.000	2.454	1686	1493
3	N	3.337	2.257	1.953	2.516		1002
3	N	2.107	2.550	2.483	2.380	2247	2032
3	N	2.840	2.625	2.542	2.669	3008	2759
3	N	3.563	3.246	3.557	3.455	1917	1604
3	N	2.917	2.423	3.120	2.820	1315	1069
3	N	2.167	2.238	2.853	2.419	1509	1414
3	N	2.308	2.740	2.613	2.554	8707	8730
3	N	3.322	2.376	1.776	2.491	1522	1222
3	N	2.145	2.647	2.396	2.396	3531	3278
3	N	3.824	3.322	3.446	3.531	7221	5556
3	N	2.457	3.077	3.090	2.875	5241	4650
3	N	3.230	3.405	3.469	3.368	2374	2160
3	N	3.987	3.495	3.771	3.751	2142	1946
3	N	2.692	2.622	2.937		805	
3	N	2.600	2.593	2.109	2.434	5313	4574
3	N	3.056	2.975	2.227	2.753	3372	3167
3	N	2.949	1.947	2.132	2.343	642	627
3	N	3.207	2.800	3.368	3.125	1046	968
3	N	1.840	2.323	2.507	2.223	2999	3038
3	N	4.588	3.176	3.636	3.800	382	277
3	N	3.854	3.011	3.259	3.375	1322	1044
3	N	3.032	3.259	2.978	3.090	1997	1809
3	N	2.833	3.018	3.084	2.978	9233	8299
3	N	2.732	2.333	0.000	2.533	807	444
3	N	3.311	3.180	2.899	3.130	2890	2763
3	N	3.077	3.509	3.609	3.398	18754	18055
3	N	2.638	2.375	1.969	2.327	9586	8775
3	N	2.816	4.269	3.893	3.659	557	511
3	N	3.806	3.830	3.399	3.678	5055	4246
3	N	2.437	2.409	2.238	2.361	2393	2167
3	N	3.314	3.955	3.224	3.498	3594	3518
3	N	3.094	0.000	0.000	3.094	840	()

3	N	3.179	3.627	3.733	3.513	1673	1424
3	N	3.594	2.584	2.529	2.902	1858	1376
3	N	3.570	3.848	3.650	3.689	943	793
3	N	3.042	3.139	3.396	3.192	7208	5609
3	N	3.541	3.264	3.263	3.356	52657	53419
3	N	3.598	3.335	3.039	3.324	7168	6448
3	N	1.785	2.579	2.812	2.392	1892	1862
3	N	2.421	0.000	0.000	2.421	292	1
3	N	2.215	2.826	2.925	2.655	5407	5420
3	N	2.861	2.704	2.650	2.738	8734	7664
3	N	3.736	3.308	2.989	3.344	8340	7301
3	N	3.803	2.279	3.593	3.225	893	587
3	N	2.961	3.005	3.425	3.130	3109	2760
3	N	2.416	2.578	2.871	2.622	19993	19489
3	N	2.952	3.137	3.299	3.129	3616	3496
3	N	2.223	2.217	2.516	2.319	2671	2323
3	N	3.327	3.075	3.613	3.338	10599	10697
3	N	2.603	3.596	3.114	3.104	578	465
3	N	2.468	2.458	3.742	2.889	1219	1061
3	N	2.500	2.688	2.397	2.528	1252	1202
3	N	3.021	2.320	2.893	2.745	3245	2943
3	N	2.404	2.194	2.007	2.202	2937	2622
3	N	3.806	3.226	2.155	3.062	1847	1717
3	N	2.384	2.143	0.000	2.264	187	92
3	N	2.206	0.000	0.000	2.206	118	13
3	N	3.117	2.626	2.827	2.857	4746	4447
3	N	2.568	2.871	2.787	2.742	2359	2214
3	N	2.865	0.000	0.000	2.865	457	0
3	N	2.161	2.359	2.830	2.450	3456	3083
3	N	2.113	2.222	2.384	2.240	9640	8648
3	N	1.800	2.197	2.617	2.205	834	677
3	N	1.979	2.740	2.660	2.460	2013	1867
3	N	3.578	2.364		2.933		
3	N	2.098	2.028	2.501	2.209	10370	8536
3	N	2.183	2.327	2.381	2.297	2202	2103
3	N	4.015	2.480	2.634	3.043	2769	2333
3	N	2.657	2.784	2.897	2.779	18052	
3	N	2.395	2.365	2.148	2.303	1938	1689
3	N	2.935	3.540	3.381	3.285	12590	11738
3	N	3.835	3.620	2.042	3.166	3170	2957
3	N	2.220	2.750	1.928	2.299	1213	1087
3	N	3.816	3.471		3.736	6529	5691
3	N	2.722	2.981	2.972	2.892	20334	18327
3	N	2.451	2.078	2.075	2.201	2074	1937
3	N	2.938	3.364	3.578	3.293	919	781
3	N	2.372	2.823	2.335	2.510	7924	7973
3	N	2.987	3.550	2.712	3.083	5242	4519
3	N	2.547	2.431	2.275	2.418	2266	2091
3	N	3.252	3.133	3.663	3.349	8659	7185
3	N	2.235	2.155		2.228	5851	5098
3	N	2.189	2.320	2.527	2.345	4222	4345

3	N	2.323	2.762	3.234	2.773	8862	8536
3	N	2.660	2.286	2.588	2.511	1278	1065
3	N	2.776	3.160	3.767	3.234	1715	1554
3	N	2.133	2.360	2.217	2.237	3231	3135
3	N	3.159	2.843	2.551	2.851	16000	13986
3	N	2.270	2.811	2.820	2.634	6480	6702
3	N	2.438	2.109	2.220	2.256	1125	1098
3	N	2.500	2.437	2.239	2.392	5493	4925
3	N	2.655	2.827	2.799	2.760	8099	8399
3	N	3.673	4.059	3.677	3.803	6307	6032
3	N	2.574	2.454	2.323	2.450	15148	12876
3	N	3.857	1.615	0.000	2.736	464	97
3	N	3.108	3.298	2.831	3.079	2544	2065
3	N	2.942	2.350	2.289	2.527	3482	3100
3	N	2.844	1.912	2.854	2.537	894	831
3	N	3.558	3.613	3.687	3.619	3039	2942
3	N	2.827	2.534	3.518	2.960	6937	6920
3	N	3.763	3.291	3.667	3.574	7313	7083
3	N	3.251	2.885	2.558	2.898	4963	4375
3	N	2.248	0.000	0.000	2.248	404	()
3	N	3.025	2.841	3.110	2.992	11805	9783
3	N	2.579	2.838	2.978	2.798	2816	2584
3	N	2.897	2.629	2.550	2.692	3819	3508
3	N	3.005	2.537	2.871	2.804	4193	4018
3	N	2.786	3.329	0.000	3.058	788	788
3	N	2.777	3.596	3.870	3.414	1401	1247
3	N	3.556	3.871	3.994	3.807	10969	10098
3	N	2.784	0.000	0.000	2.784	346	45
3	N	3.455	3.084	3.385	3.308	1680	1447
3	N	2.041	2.287	2.538	2.289	5660	5837
3	N	2.541	2.464	2.329	2.445	3434	2721
3	N	3.541	3.160	2.382	3.028	2472	2292
3	N	3.556	3.198	4.159	3.638	7990	7925
3	N	2.552	2.363	2.278	2.398	5136	4727
3	N	2.921	2.154	1.861	2.312	5134	4538
3	N	2.650	2.205	2.077	2.311	2077	1551
3	N	3.387	3.452	0.000	3.420	253	126
3	N	2.506	2.650	2.900	2.685	1909	1737
3	N	2.291	3.167	3.013	2.824	581	518
3	N	2.708	2.144	2.208	2.353	2897	2357
3	N	2.253	2.287	2.172	2.237	8800	9060
3	N	2.303	2.681	2.139	2.374	3888	3819
3	N	3.086	3.137	3.108	3.110	724	541
3	N	3.773	2.545	3.375	3.231	310	159
3	N	2.190	2.532	2.227	2.316	1942	1703
3	N	3.931	3.436	3.493	3.620	3893	3462
3	N	2.708	2.334	2.192	2.411	11627	11046
3	N	3.104	2.946	2.322	2.791	26496	25987
3	N	2.223	2.192	2.377	2.264	11784	11858
3	N	3.594	3.542	3.654	3.597	8495	8021
3	N	2.976	0.000	0.000	2.976	234	0

3	N	3.978	3.541	3.847	3.789	12187	12200
3	N	3.372	3.088	3.058	3.173	13454	12644
3	N	2.638	2.396	2.064	2.366	523	428
3	N	2.444	2.414	2.336	2.398	9126	8072
3	N	2.286	3.667	4.448	3.467	1463	1530
3	N	2.557	2.258	1.968	2.261	1360	1340
3	N	2.596	2.787	2.662	2.682	5079	4867
3	N	2.937	3.115	3.135	3.062	13903	13472
3	N	3.085	3.419	3.354	3.286	15706	15218
3	N	2.564	2.537	0.000	2.551	297	187
3	N	3.853	3.923	3.102	3.626	1039	835
3	N	2.379	2.439	2.805	2.541	2275	2031
3	N	3.367	2.957	2.157	2.827	2942	2490
3	N	2.579	3.073	2.962	2.871	4910	4613
3	N	3.368	0.000	0.000	3.368	90	0
3	N	2.643	2.582	2.514	2.580	3175	3126
3	N	2.467	1.808	2.426	2.234	1010	927
3	N	2.747	2.360	2.524	2.544	2746	2224
3	N	3.363	3.490	3.137	3.330	17837	17131
3	N	2.467	2.809	2.532	2.603	2097	1941
3	N	1.500	4.250	3.900	3.217	607	630
3	N	1.805	2.622	2.619	2.349	4087	4282
3	N	2.605	2.494	2.364	2.488	1319	1146
4	N	0.459	0.000	0.000	0.459	277	0
4	N	1.482	1.086	1.017	1.195	923	825
4	N			1.261	1.193	1645	
4		1.262	1.448	0.367			1655
4	N N	0.571 0.551	0.351 0.619		0.430 0.539	164	142
		1.394	0.619	0.447		344	371 423
4	N			0.881	1.003	485	
	N	0.064	0.145	0.375	0.195	130	125
4	N	0.229	0.000	0.000	0.229	128	0
4	N	1.000	0.825	0.857	0.894	365	290
4	N	0.551	0.606	0.645	0.601		586
4	N	0.690	0.835	0.697	0.741	2657	2713
4	N	1.000	0.667	0.667	0.778	191	174
4	N	1.234	1.101	0.938	1.091	795	719
4	N	1.675	0.857	0.456	0.996	242	221
4	N	1.018	0.882	0.745	0.882	206	276
4	N	1.232	0.807	0.295	0.778	680	548
4	N	0.775	1.013	1.226	1.005	547	493
4	N	0.434	0.418	0.238	0.363	413	433
4	N	0.987	1.118	0.740	0.948	993	1065
4	N	0.514	0.522	0.558	0.531	263	202
4	N	1.365	1.333	0.937	1.212	742	699
4	N	0.359	0.444	0.089	0.297	241	213
4	N	2.211	1.778	2.600	2.196	382	351
4	N	1.860	1.658	1.821	1.780	816	705
4	N	1.333	1.892	3.043	2.089	715	613
4	N	0.420	0.308	0.407	0.378	242	229
4	N	1.216	0.000	0.000	1.216	118	0
4	N	0.455	0.600	0.618	0.558	98	69

4	N	1.520	1.312	0.728	1.187	475	434
4	N	0.407	0.409	0.000	0.408	40	9
4	N	0.746	0.437	0.383	0.522	178	147
4	N	1.821	2.081	0.000	1.951	120	81
4	N	0.232	0.155	0.079	0.155	388	411
4	N	0.263	0.308	0.296	0.289	364	256
4	N	0.400	0.371	0.655	0.475	283	268
4	N	2.121	1.976	1.805	1.967	1796	1523
4	N	1.565	1.681	1.582	1.609	3037	2625
4	N	0.551	0.375	0.441	0.456	291	350
4	N	0.949	0.784	0.929	0.887	885	758
4	N	2.115	1.714	1.677	1.835	750	698
4	N	1.633	1.561	1.352	1.515	812	653
4	N	1.069	0.879	1.113	1.020	224	182
4	N	0.415	0.000	0.000	0.415	18	1
4	N	0.649	0.713	0.567	0.643	427	357
4	N	0.349	0.214	0.153	0.239	194	145
4	N	1.734	1.868	1.752	1.785	3012	3071
4	N	0.692	0.361	0.408	0.487	722	637
4	N	0.939	1.241	1.148	1.109	4124	4290
4	N	1.064	1.009	1.060	1.044	1460	1387
4	N	0.358	0.466	0.315	0.380	366	272
4	N	1.422	1.246	1.557	1.408	2564	2212
4	N	0.600	0.934	0.823	0.786	870	836
4	N	0.542	0.397	0.272	0.404	310	247
4	N	0.772	1.210	1.537	1.173	1350	1358
4	N	0.978	1.000	0.982	0.987	237	220
4	N	1.983	1.673	1.547	1.734	3475	3142
4	N	1.493	1.603	1.487	1.528	1817	1523
4	N	0.670	0.522	0.510	0.567	814	629
4	N	0.616	0.699	0.789	0.701	1299	1237
4	N	1.380	0.762	0.000	1.071	193	38
4	N	1.697	1.129	1.497	1.441	3553	3316
4	N	0.311	0.345	0.455	0.370	238	211
4	N	0.238	0.000	0.000	0.238	114	0
4	N	0.875	1.194	0.986	1.018	959	975
4	N	1.381	1.274	1.345	1.333	1604	1445
4	N	1.927	1.975	1.838	1.913	6142	5900
4	N	0.836	1.333	1.076	1.082	989	911
4	N	0.800	0.460	0.659	0.640	311	270
4	N	1.108	1.200	1.196	1.168	508	411
4	N	1.714	0.000	0.000	1.714	92	0
4	N	0.176	0.259	0.120	0.185	29	23
4	N	1.868	1.459	0.987	1.438	2403	2164
4	N	0.853	1.072	0.684	0.870	497	480
4	N	0.765	1.000	1.084	0.950	1573	1497
4	N	1.302	1.351	0.981	1.211	616	538
4	N	0.943	0.624	0.472	0.680	806	686
4	N	1.580	1.415	1.431	1.475	2267	2245
4	N	0.448	0.153		0.327	172	79
4	N	1.873		1.724	1.777	2529	2279

4	N	0.243	0.000	0.000	0.243	135	0
4	N	0.444	0.412	0.119	0.325	85	93
4	N	0.270	0.000	0.000	0.270	39	()
4	N	1.527	1.441	1.684	1.551	2124	1780
4	N	1.471	1.556	1.604	1.544	4108	3999
4	N	0.556	0.205	0.233	0.331	193	154
4	N	0.469	0.467	0.433	0.456	220	228
4	N	1.050	0.722	1.263	1.012	227	265
4	N	1.017	1.170	0.907	1.031	761	695
4	N	0.426	0.493	0.333	0.417	233	208
4	N	0.878	0.750	0.863	0.830	917	771
4	N	0.292	0.635	0.504	0.477	233	234
4	N	1.131	1.136	1.048	1.105	2646	2421
4	N	1.327	1.038	1.476	1.280	2621	2513
4	N	1.840	0.650	0.000	1.245	159	40
4	N	1.406	1.957	1.103	1.489	755	783
4	N	0.684	0.874	1.087	0.882	1061	1099
4	N	0.912	1.230	1.451	1.198	1673	1680
4	N	0.163	0.082	0.098	0.114	112	81
4	N	1.942	1.949	1.710	1.867	4491	4240
4	N	1.612	1.805	1.572	1.663	3258	3058
4	N	2.040	2.019	2.368	2.142	6285	5768
4	N	0.175	0.262	0.266	0.234	143	162
4	N	1.656	1.426	1.259	1.447	2163	1770
4	N	0.750	2.273	1.179	1.401	164	137
4	N	0.849	1.140	1.057	1.015	666	602
4	N	0.731	0.627	0.517	0.625	278	262
4	N	0.051	0.113	0.091	0.085	104	80
4	N	1.127	1.013	0.950	1.030	2466	2298
4	N	0.617	0.406	0.207	0.410	769	657
4	N	1.381	1.108	1.226	1.238	722	556
4	N	1.639	1.592	1.663	1.631	2122	1781
4	N		1.114		1.136	937	845
4	N	1.867	1.970	1.714	1.850		
4	N	1.933	1.405	1.156	1.498	13205	11218
4	N	0.750	0.015	0.000	0.383	109	1
4	N	1.588	1.958	2.125	1.890	968	894
4	N	2.276	2.362	1.913	2.184	4664	4609
4	N	1.326	1.390	1.247	1.321	8889	8176
4	N	1.267	1.477	1.646	1.463	2200	1724
4	N	0.667	0.848	1.286	0.934	396	341
4	N	0.962	0.965	0.745	0.891	323	330
4	N	0.966	1.157	0.880	1.001	1146	1244
4	N	0.243	0.362	0.436	0.347	267	288
4	N	2.230	2.350	1.582	2.054	1376	1118
4	N	0.900	0.543	0.353	0.599	149	143
4	N	0.984	1.189	1.075	1.083	2733	2291
4	N	1.090	0.844	0.767	0.900	1666	1585
4	N	0.781	0.878	0.767	0.500	149	104
4	N	0.781	0.000	0.000	0.078	187	56
4	N N	0.904		0.267	0.305	219	221
+	IN	U.Z4Z	0.403	0.207	0.303	417	441

4	N	3.250	1.474	0.214	1.646	109	29
4	N	0.447	0.353	0.349	0.383	968	793
4	N	0.622	0.548	0.339	0.503	811	574
4	N	0.384	0.241	0.373	0.333	554	537
4	N	0.842	1.020	1.112	0.991	1166	1008
4	N	0.873	0.821	0.477	0.724	757	607
4	N	0.992	0.903	0.843	0.913	2477	2637
4	N	1.397	1.078	0.985	1.153	7351	7031
4	N	1.262	1.102	1.286	1.217	5346	5081
4	N	0.632	0.725	0.915	0.757	1191	1213
4	N	0.609	0.673	0.722	0.668	2450	2420
4	N	1.254	1.380	1.493	1.376	9875	10039
4	N	0.189	0.367	0.417	0.324	202	230
4	N	0.450	0.231	0.230	0.304	496	599
4	N	0.395	0.388	0.283	0.355	306	260
4	N	1.515	1.333	1.561	1.470	1101	1012
4	N	1.800	1.619	1.547	1.655	2758	2420
4	N	1.746	2.155	1.758	1.886	986	897
4	N	1.722	1.244	1.447	1.471	470	312
4	N	2.698	1.893	1.808	2.133	3623	3661
4	N	0.727	0.000	0.000	0.727	34	0
4	N	1.176	1.333	1.154	1.221	1650	1793
4	N	1.127	1.454	1.676	1.419	792	734
4	N	1.026	0.370	0.000	0.698	136	84
4	N	2.568	2.152	1.882	2.201	1175	1094
4	N	0.915	0.662	0.250	0.609	125	61
4	N	1.908	1.513	0.000	1.711	186	69
4	N	0.568	1.294	0.692	0.851	397	437
4	N	0.655	1.038	0.820	0.838	449	460
4	N	0.000	0.000	0.000	0.000	5	0
4	N	0.427	0.408	0.392	0.409	514	458
4	N	1.319	1.403	1.197	1.306	413	345
4	N	2.196	1.709	1.863	1.923	7325	6436
4	N	1.607	1.468				5827
4	N	1.758	1.543	1.391	1.564	206	136
4	N	0.973	0.000	0.000	0.973	39	0
4	N	0.826	0.308	1.621	0.918	356	253
4	N	1.370	1.837	1.653	1.620	550	517
4	N	1.451	1.448	1.448	1.449	4510	4585
4	N	1.552	1.113	1.085	1.250	1682	1645
4	N	1.244	1.333	1.207	1.261	207	213
4	N	1.044	1.100	1.117	1.087	5002	4850
4	N	1.712	1.454	1.632	1.599	1357	1099
4	N	0.507	0.450	0.390	0.449	1562	1366
4	N	1.718	1.721	1.936	1.792	3215	2733
4	N	1.074	1.193	1.141	1.136	836	812
4	N	0.574	0.667	0.483	0.575	221	251
4	N	1.161	0.571	0.658	0.797	246	181
4	N	0.717	0.552	0.404	0.558	168	141
4	N	1.688	1.255		1.390	92	64
4	N	1.077				301	
-	- 1						- / -

4	N	1.330	1.330	1.167	1.276	3381	3027
4	N	0.534	0.776	0.125	0.478	158	169
4	N	0.294	0.403	0.541	0.413	617	550
4	N	1.729	1.965	2.402	2.032	2655	2700
4	N	0.151	0.000	0.000	0.151	93	()
4	N	1.349	1.514	1.222	1.362	764	718
4	N	0.977	0.875	0.589	0.814	880	751
4	N	0.400	0.551	0.488	0.480	324	326
4	N	2.146	2.171	2.068	2.128	1860	1715
4	N	2.280	2.317	1.908	2.168	1639	1505
4	N	2.119	1.891	1.872	1.961	2626	2413
4	N	0.985	0.607	0.673	0.755	461	344
4	N	2.280	1.988	1.861	2.043	2219	2116
4	N	0.752	0.606	0.514	0.624	447	414
4	N	0.265	0.000	0.000	0.265	149	0
4	N	1.697	1.910	1.741	1.783	2952	2897
4	N	0.889	1.018	0.525	0.811	1500	1365
4	N	0.047	0.000	0.000	0.047	55	0
4	N	0.729	0.692	0.529	0.650	214	117
4	N	0.803	0.861	0.973	0.879	641	716
4	N	1.568	1.281	1.483	1.444	4228	3959
4	N	0.377	0.410	0.261	0.349	180	145
4	N	0.618	0.369	0.378	0.455	216	185
4	N	0.347	0.320	0.413	0.360	539	623
4	N	0.663	0.522	0.609	0.598	273	248
4	N	1.154	1.214	1.467	1.278	5377	5382
4	N	0.830	0.943	0.741	0.838	565	533
4	N	2.019	1.989	1.902	1.970	3314	2988
4	N	1.436	2.984	2.064	2.161	1082	1120
4	N	0.783	0.913	0.734	0.810	986	996
4	N	0.785	1.629	1.261	1.259	397	455
4	N	1.556	1.826	1.507	1.630	1037	1063
4	N	1.966	1.000	0.847	1.030	746	573
4	N	1.136	1.543	0.979	1.219	369	247
4	N	1.130	0.000	0.000	1.889	1097	0
4	N	1.692	1.170	1.409	1.424	1648	1389
4	N	0.784	0.711	0.551	0.682	601	559
4	N	1.391	1.200	1.260	1.284	1629	1358
4	N	2.000	1.782	2.317	2.033	1457	1344
4	N	2.199	2.021	2.274	2.055	15800	14734
4	N	1.069	0.886	0.687	0.881	1785	1621
4	N	1.439	1.031	1.157	1.209	1291	1111
4	N	1.156	0.585	0.000	0.871	123	36
4	N	1.130	0.964	1.133	1.139	651	570
4	N N	1.081	1.213	0.886	1.139	503	466
4	N N	1.157	1.548	1.060	1.255	1547	1450
4		0.357	0.522	0.376	0.418	538	608
	N N	1.762	0.000	0.000	1.762	39	
4	N N	1.678	2.248	2.375	2.100	2018	1954
4	N	0.771	0.523		0.770	115	59 101
4	N	2.875	1.976	0.645	1.832	415	181

4	N	0.741	0.697	1.286	0.908	441	390
4	N	2.076	2.112	2.238	2.142	1487	1288
4	N	1.548	1.487	2.188	1.741	438	463
4	N	0.836	0.567	0.000	0.702	108	104
4	N	1.391	1.433	1.215	1.346	710	634
4	N	0.148	0.000	0.000	0.148	11	5
4	N	1.112	0.451	0.000	0.782	131	37
4	N	0.583	0.576	0.485	0.548	999	873
4	N	0.844	0.682	0.000	0.763	644	454
4	N	1.250	1.778	2.164	1.731	2210	2266
4	N	1.402	1.256	1.735	1.464	1299	1236
4	N	0.000	0.000	0.000	0.000	12	0
4	N	2.092	1.980	1.396	1.823	2946	2862
4	N	1.709	1.713	1.785	1.736	4958	4552
4	N	2.500	1.743	1.602	1.948	2408	2186
4	N	0.400	0.000	0.000	0.400	148	0
4	N	0.776	0.554	0.770	0.700	791	634
4	N	0.250	0.667	0.556	0.491	393	405
4	N	0.429	0.143	0.316	0.296	47	29
4	N	0.951	0.443	0.373	0.589	348	242
4	N	0.873	1.175	0.840	0.963	1837	1837
4	N	0.676	0.764	0.656	0.699	447	426
4	N	1.900	1.526	0.882	1.436	323	277
4	N	1.245	1.276	0.979	1.167	2072	1914
4	N	0.230	0.132	0.049	0.137	76	78
4	N	0.230	0.132	0.904	0.747	1770	2004
4	N	1.129	0.000	0.000	1.129	289	0
4	N	1.129	1.519	0.000	1.730	343	149
4	N	1.754	1.449	1.201	1.468	16443	14655
4	N	0.513	0.000	0.000	0.513	204	0
4	N	2.123	1.443	1.219	1.595	3587	3425
4	N N	0.940	0.754	0.730	0.808	393	391
4							
	N N	0.635	0.624	0.544	0.601	431	425 94
4	N N	0.350 0.791	0.194	0.117	0.220	156 1156	1031
4	N N	0.791	0.576 0.503	0.660 0.548	0.676 0.635	1210	1004
4	N N	0.833	0.579	0.348	0.033	696	603
	N N	0.574	0.579	0.551	0.567	2445	
4			0.000				2258
4	N	0.087		0.000	0.087	113	0
4	N	0.135	0.000	0.000	0.135	11	
4	N	1.621	0.000	0.000	1.621	60	29
4	N	1.118	0.683	0.739	0.847	266	139
4	N	1.480	1.015	1.391	1.295	2073	1760
4	N	0.875	0.594	0.800	0.756	213	205
4	N	2.252	1.375	1.233	1.620	2268	1702
4	N	0.375	0.438	0.464	0.426	359	386
4	N	2.366	1.867	1.578	1.937	3337	2919
4	N	0.933	0.667	0.636	0.745	52	17
4	N	0.869	1.082	0.971	0.974	184	151
4	N	0.602	0.556	0.573	0.577	491	454
4	N	2.358	1.535	1.590	1.828	3091	2585

4	N	1.656	1.788	1.409	1.618	2535	2291
4	N	1.082	0.874	1.064	1.007	709	625
4	N	0.000	0.000	0.000	0.000	34	()
4	N	1.324	1.217	0.896	1.146	531	510
4	N	0.268	0.673	0.629	0.523	540	569
4	N	1.606	1.232	1.660	1.499	366	292
4	N	0.420	0.369	0.295	0.361	327	285
4	N	0.800	0.552	0.466	0.606	501	355
4	N	0.684	1.339	0.946	0.990	474	379
4	N	0.950	0.517	0.520	0.662	212	85
4	N	0.906	0.894	0.706	0.835	1777	1586
4	N	0.694	0.600	0.741	0.678	823	697
4	N	0.944	0.000	0.000	0.944	145	0
4	N	0.523	0.482	0.588	0.531	82	86
4	N	1.436	1.111	1.030	1.192	1600	1497
4	N	1.324	1.351	0.967	1.214	564	482
4	N	1.121	0.638	0.663	0.807	1560	1146
4	N	1.018	1.209	0.788	1.005	1909	1860
4	N	0.556	0.491	0.659	0.569	390	442
4	N	0.730	0.547	0.624	0.634	1047	1001
4	N	1.319	1.051	0.991	1.120	881	736
4	N	1.945	1.878	2.020	1.948	8062	8230
4	N	2.332	1.994	1.338	1.888	2048	1945
4	N	2.021	1.811	2.141	1.991	1394	1298
4	N	1.957	1.756	1.429	1.714	890	734
4	N	0.360	0.400	0.211	0.324	318	233
4	N	0.500	0.506	0.695	0.524	447	353
4	N	0.583	0.500	0.000	0.542	70	39
4	N	0.522	0.535	0.547	0.535	275	224
4	N	1.602	2.013	1.591	1.735	5258	4849
4	N	1.750	2.563	1.922	2.078	772	693
4	N N	2.659	1.492	1.433	1.861	5201	4827
4							
	N	1.124 1.558	1.289	1.413	1.275	1432 137	1414 7
4	N		0.000	0.000	1.558		
4	N	1.749	1.702	1.782	1.744	4094	3470 1045
4	N N	1.956 0.576	1.703	1.355 1.218	1.671 0.869	1274	
	N N		0.814	1.494	1.539	529 2639	414 2324
4		1.725	1.398		1.559	4603	
4	N	1.852	2.014	2.115		2398	4447
4	N	1.897	1.698	2.029	1.875		2145
4	N	1.959	2.081	1.793	1.944	2493	2196
4	N	1.694	1.563	2.109	1.789	2649	2129
4	N	0.375	0.167	0.510	0.351	217	134
4	N	0.974	1.109	0.985	1.023	1837	1676
4	N	1.296	1.346	1.201	1.281	8643	7740
4	N	0.426	0.328	0.322	0.359	591	572
4	N	0.310	0.000	0.000	0.310	134	0
4	N	1.222	1.205	0.947	1.125	449	423
4	N	2.355	1.502	1.525	1.794	2293	2054
4	N	0.267	0.233	0.199	0.233	366	321
4	N	2.116	2.074	1.750	1.980	10938	10602

4	N	1.444	1.549	1.238	1.410	827	771
4	N	0.860	0.991	0.737	0.863	1129	1145
4	N	1.226	1.246	1.404	1.292	10387	9983
4	N	0.779	0.800	0.923	0.834	715	577
4	N	0.476	0.331	0.452	0.420	624	592
4	N	0.957	0.846	0.925	0.909	1109	1005
4	N	0.762	0.640	0.567	0.656	542	499
4	N	0.813	0.358	0.000	0.586	195	58
4	N	1.403	1.393	1.180	1.325	2085	1773
4	N	0.863	1.229	1.155	1.082	1241	1096
4	N	2.052	1.775	1.964	1.930	5769	5465
4	N	1.011	0.888	0.863	0.921	2572	2451
4	N	0.833	0.422	0.419	0.558	526	247
4	N	0.357	0.362	0.000	0.360	154	202
4	N	0.676	0.459	0.513	0.549	230	164
4	N	1.056	1.179	0.897	1.044	1383	1285
4	N	1.842	1.838	0.690	1.457	623	483
4	N	1.069	0.963	0.950	0.994	612	504
4	N	1.395	0.859	0.671	0.975	928	536
4	N	1.807	2.005	1.463	1.758	3304	3363
4	N	0.607	0.375	0.424	0.469	945	862
4	N	1.792	2.089	2.021	1.967	429	411
4	N	1.953	1.737	1.502	1.731	6034	5471
4	N	0.995	1.056	0.912	0.988	4553	4223
4	N	1.695	1.577	1.489	1.587	2929	2641
4	N	1.921	1.967	1.469	1.917	5297	4771
4	N N	1.107		1.301	1.152	845	740
4	N N	1.463	1.047 1.385	2.050	1.633	939	746
4	N N	2.427	2.000	2.050	2.193	5911	5087
4		0.375		0.258		283	221
	N		0.406		0.346		
4	N	2.400	2.015	1.973	2.129	3564	2790
4	N	2.169	2.347	1.932	2.149	4280	3798
4	N	1.752	1.513	1.130	1.465	679	502
4	N	1.074	1.408	1.032	1.171	984	1000
4	N	1.657	2.000	1.731	1.796	1490	1805
4	N	0.695	0.627	0.732	0.685	1923	1709
4	N	0.711	1.212	0.875	0.933	1498	1711
4	N	1.476	1.465	1.733	1.558	1193	993
4	N	1.807	1.654	1.768	1.743	1609	1310
4	N	0.818	1.014	0.329	0.720	183	156
4	N	1.871	1.838	1.919	1.876	3952	3625
4	N	0.891	1.172	1.264	1.109	329	329
4	N	0.983	0.868	0.896	0.916	1724	1598
4	N	1.612	1.707	1.897	1.739	4375	4401
4	N	0.323	0.143	0.414	0.293	158	141
4	N	0.851	0.580	0.752	0.728	358	296
4	N	1.138	0.000	0.000	1.138	34	0
4	N	0.974	0.786	0.974	0.911	532	437
4	N	1.524	1.590	1.415	1.510	1227	1142
4	N	0.525	0.673		0.589	146	150
4	N	0.435	0.370	0.419	0.408	542	438

4	N	1.517	1.540	1.815	1.624	488	396
4	N	1.697	1.609	1.466	1.591	1158	1001
4	N	0.891	0.576	0.861	0.776	2110	2036
4	N	1.248	0.879	1.376	1.168	1251	1180
4	N	0.585	0.324	0.310	0.406	525	437
4	N	1.305	1.021	0.902	1.076	1249	1114
4	N	0.700	0.794	0.949	0.814	569	431
4	N	1.153	1.057	0.814	1.008	654	490
4	N	1.041	1.679	0.000	1.360	619	399
4	N	1.545	1.669	1.516	1.577	6321	6223
4	N	1.850	1.764	1.791	1.802	639	566
4	N	0.298	0.600	0.413	0.437	232	294
4	N	0.308	0.267	0.404	0.326	82	102
4	N	1.170	1.072	0.905	1.049	1147	877
4	N	1.222	1.279	0.887	1.129	988	940
4	N	2.382	1.888	1.419	1.896	6733	5951
4	N	2.141	2.062	0.000	2.102	424	294
4	N	1.209	1.183	1.317	1.236	599	576
4	N	1.440	1.108	2.115	1.554	699	673
4	N	1.159	1.387	1.119	1.222	361	321
4	N	0.526	0.365	0.340	0.410	987	1008
4	N	1.999	1.953	2.215	2.056	13964	13829
4	N	1.000	0.691	1.147	0.946	191	121
4	N	1.558	1.234	0.970	1.254	880	820
4	N	0.688	1.271	1.163	1.041	290	249
4	N	1.200	0.000	0.000	1.200	9	0
4	N	1.526	1.787	1.432	1.582	1704	1694
4	N	1.300	1.148	1.186	1.211	3313	3027
4	N	1.025	1.289	1.324	1.213	255	175
4	N	0.000	0.000	0.000	0.000	37	0
4	N	2.049	1.595	0.000	1.822	2528	2363
4	N	1.904	2.312	2.122	2.113	25959	25337
4	N		0.217	0.600		562	624
4	N	1.771	2.054	1.535	1.787	915	722
4	N	0.638	0.705	0.597	0.647	1300	1211
4	N	0.286	0.301	0.209	0.265	160	144
4	N	0.268	0.100	0.167	0.178	81	71
4	N	0.333	0.000	0.000	0.333	9	2
4	N	2.038	1.750	0.829	1.539	856	582
4	N	0.570	0.849	0.805	0.741	784	901
4	N	1.896	1.764	1.707	1.789	8139	7548
4	N	1.899	2.196	2.364	2.153	1611	1460
4	N	1.878	2.023	1.916	1.939	1960	1766
4	N	2.384	1.605	1.257	1.749	4604	3700
4	N	1.251	0.000	0.000	1.251	636	77
4	N	0.583	0.690	0.606	0.626	87	83
4	N	1.082	1.791	1.259	1.377	268	252
4	N	1.587	2.359	1.808	1.918	4628	3914
4	N	1.728	1.652	1.280	1.553	2383	2267
4	N	0.574	0.549	0.535	0.553	1569	1529
4	N	0.500			0.420	347	314

4	N	0.937	0.877	0.924	0.913	694	739
4	N	0.426	0.245	0.371	0.347	213	192
4	N	0.586	0.460	0.546	0.531	832	652
4	N	0.985	0.856	1.133	0.991	337	219
4	N	2.000	0.000	0.000	2.000	37	1
4	N	0.682	0.639	0.778	0.700	164	106
4	N	0.947	0.912	0.956	0.938	500	466
4	N	0.831	0.685	0.859	0.792	1099	1050
4	N	0.692	0.600	0.755	0.682	1753	1559
4	N	0.845	0.608	0.746	0.733	806	676
4	N	0.868	0.194	0.211	0.424	695	650
4	N	0.817	0.000	0.000	0.817	77	0
4	N	0.763	0.619	0.770	0.717	1491	1326
4	N	0.252	0.203	0.155	0.203	327	269
4	N	0.768	0.571	0.723	0.687	1921	1632
4	N	0.369	0.551	0.435	0.452	365	332
4	N	2.507	2.000	2.086	2.198	439	328
4	N	1.631	1.089	1.493	1.404	477	364
4	N	0.230	0.364	0.368	0.321	140	147
4	N	2.053	1.360	1.545	1.653	1520	1107
4	N	0.676	0.767	0.683	0.709	328	351
4	N	0.070	0.707	0.370	0.769	296	326
4	N	0.324	0.414	0.370	0.309	398	368
4	N	1.400	0.222	0.000	1.400	33	0
4	N N	0.643	0.648		0.603	1279	1137
				0.517			
4	N	0.343	0.351	0.473	0.389	936	977
4	N	1.145	0.781	0.810	0.912	466	361
4	N	0.923	0.878	0.695	0.832	929	846
4	N	0.520	0.470	0.290	0.427	785	593
4	N	0.200	0.189	0.105	0.165	147	117
4	N	0.383	0.158	0.276	0.272	376	443
4	N	0.229	0.204	0.262	0.232	198	190
4	N	1.719	1.276	1.475	1.490	1806	1605
4	N	1.072	1.000	0.976		1448	1235
4	N	1.246	0.955	0.836	1.012	438	445
4	N	1.218	1.210	1.358	1.262	1757	1898
4	N	1.045	0.698	0.136	0.626	211	178
4	N	1.358	1.533	1.410	1.434	1534	1523
4	N	1.430	1.691	1.412	1.511	1964	1995
4	N	1.407	1.409	1.107	1.308	1948	1834
4	N	1.744	1.542	1.524	1.603	1364	1234
4	N	0.957		0.000	0.957	55	8
4	N	0.674	0.429	0.769	0.624	344	332
4	N	0.537	0.175	0.282	0.331	278	251
4	N	0.171	0.100	0.000	0.136	130	156
4	N	0.577	0.554	0.424	0.518	638	549
4	N	1.117	0.559	0.446	0.707	600	403
4	N	0.414	0.360	0.206	0.327	126	108
4	N	2.223	1.944	2.012	2.060	1883	1424
4	N	0.744			0.670	301	243
4	N	1.167	0.706	0.000	0.937	85	27

4	N	2.301	1.946	1.974	2.074	5542	4863
4	N	1.271	1.017	1.068	1.119	3564	3279
4	N	1.530	1.333	1.024	1.296	2389	2015
4	N	0.711	0.741	1.098	0.850	1525	1519
4	N	0.000	0.000	0.000	0.000	1	0
4	N	2.368	2.152	2.012	2.177	3536	3164
4	N	0.744	0.000	0.000	0.744	224	0
4	N	2.485	1.905	1.669	2.020	3556	3022
4	N	2.050	1.974	1.795	1.940	8043	7058
4	N	0.833	0.886	0.756	0.825	390	364
4	N	1.410	1.440	1.492	1.447	3375	2644
4	N	1.204	0.000	0.000	1.204	837	0
4	N	1.816	1.255	2.041	1.704	1471	1344
4	N	1.691	1.515	1.734	1.647	3284	3049
4	N	0.108	0.000	0.000	0.108	64	0
4	N	1.636	1.670	0.966	1.424	1688	1579
4	N	1.414	0.875	0.000	1.145	91	30
4	N	0.193	0.211	0.214	0.206	307	288
4	N	0.308	0.000	0.000	0.308	33	0
4	N	1.563	1.621	1.940	1.708	4384	4018
4	N	1.017	0.940	1.010	0.989	327	273
4	N	1.755	1.281	1.097	1.378	1262	890
4	N	1.523	1.460	1.493	1.492	2470	2414
4	N	0.379	0.706	0.471	0.519	98	75
4	N	1.365	0.800	0.648	0.938	810	469
4	N	0.375	0.917	0.812	0.701	590	404
4	N	0.792	0.000	0.000	0.701	21	0
4	N	1.506	2.013	1.600	1.706	894	911
4	N	0.882	0.000	0.000	0.882	233	0
4	N	2.154	2.055	2.219	2.143	3086	2741
4	N	0.361	0.420	0.577	0.453	126	81
4	N N	0.301	0.420	0.377	0.433	1190	916
4							
4	N	0.410	0.354	0.432	0.399	589	505
4	N N	0.436 0.254	0.403	0.422	0.420	1117	856
		0.234	0.101	0.105	0.153	108	64
4	N N		0.750	1.000	0.786 0.516	211	214
4	N	0.514 0.200	0.659	0.376	0.316	753	708 426
4	N		0.283	0.200		395	
4	N	0.462	0.359	0.405	0.409	71	79
4	N	0.152	0.000	0.000	0.152	31	0
4	N	0.473	0.711	0.630	0.605	635	667
4	N	0.501	0.266	0.265	0.344	1181	550
4	N	0.346	0.000	0.000	0.346	369	0
4	N	0.351	0.395	0.765	0.504	107	117
4	N	0.500	0.518	0.439	0.486	646	548
4	N	1.080	1.113	0.444	0.879	913	945
4	N	0.562	0.469	0.820	0.617	314	362
4	N	0.275	0.150	1.154	0.526	81	39
4	N	0.691	0.661	0.635	0.662	551	450
4	N	1.174	1.075	0.945	1.065	1907	1683
4	N	1.608	1.482	1.825	1.638	1003	949

4	N	2.985	1.000	0.000	1.993	210	45
4	N	1.605	1.610	1.600	1.605	869	878
4	N	0.502	0.496	0.557	0.518	928	823
4	N	0.355	0.094	0.132	0.194	286	259
4	N	2.247	1.773	2.167	2.062	1060	719
4	N	0.327	0.340	0.709	0.459	393	359
4	N	0.786	0.459	0.556	0.600	324	288
4	N	1.052	0.611	0.598	0.754	737	577
4	N	1.697	1.403	1.632	1.577	2097	1851
4	N	0.511	0.450	0.373	0.445	472	499
4	N	1.278	1.171	2.125	1.525	252	175
4	N	1.776	1.578	1.950	1.768	3470	3098
4	N	0.312	0.426	0.296	0.345	226	204
4	N	2.018	2.426	1.171	1.872	370	197
4	N	0.432	0.826	0.792	0.683	312	315
4	N	0.706	0.241	0.333	0.427	176	162
4	N	0.274	0.000	0.000	0.274	58	0
4	N	0.717	0.911	0.804	0.811	233	247
4	N	1.504	1.845	1.076	1.475	819	582
4	N	0.030	0.000	0.000	0.030	7	0
4	N	0.304	0.534	0.500	0.446	524	665
4	N	0.476	0.818	0.497	0.597	504	668
4	N	0.984	0.853	0.894	0.910	549	479
4	N	1.222	1.111	0.943	1.092	1479	1348
4	N	0.420	0.470	0.317	0.402	150	100
4	N	0.643	0.000	0.000	0.643	22	0
4	N	1.286	0.000	1.154	1.220	651	0
4	N	0.548	0.000	0.000	0.548	70	0
4	N	0.800	0.776	0.756	0.777	2459	2343
4	N	0.377	0.262	0.338	0.326	220	231
4	N	0.695	0.468	0.564	0.576	907	769
4	N	1.133	0.000	0.000	1.133	62	0
4	N	1.595	1.319	0.865	1.260	1216	1102
4	N	2.031	2.098	2.290	2.140	2529	2140
4	N	0.821	1.100	1.125	1.015	2069	2072
4	N	0.860	0.772	0.731	0.788	611	593
4	N	0.157	0.199	0.160	0.172	990	868
4	N	0.000	0.000	0.000	0.000	7	0
4	N	1.562	1.485	1.387	1.478	648	531
4	N	1.786	1.000	1.405	1.397	739	618
4	N	0.983	0.638	0.816	0.812	318	258
4	N	0.891	0.740	0.691	0.774	3978	2639
4	N	1.262	1.067	1.443	1.257	670	717
1	Y	2.619	2.143	2.560	2.441	3203	2425
1	Y	4.174	3.447	2.739	3.453	9238	7467
1	Y	3.185	2.307	1.944	2.479	11878	9434
1	Y	3.294	3.500	2.464	3.086	3747	2878
1	Y	2.657	3.806	2.696	3.053	6224	5522
1	Y	1.905	2.061	1.833	1.933	370	240
1	Y	2.794	2.287	1.664	2.248	7161	5844
1	Y	1.900			1.889	4023	3378
_	-			1.00			22,0

1	Y	3.411	2.476	2.000	2.629	2325	1803
1	Y	2.322	2.394	2.086	2.267	20867	18522
1	Y	3.473	2.835	2.210	2.839	11683	9514
1	Y	2.095	2.333	1.671	2.033	1383	1313
1	Y	2.048	2.336	1.475	1.953	6010	4658
1	Y	2.240	2.367	1.981	2.196	1874	1708
1	Y	2.198	1.726	2.037	1.987	936	673
1	Y	2.328	1.647	1.619	1.865	2214	1831
1	Y	2.381	1.778	1.232	1.797	1366	703
1	Y	1.953	1.831	1.784	1.856	3889	3476
1	Y	3.391	2.739	2.455	2.862	4313	3881
1	Y	3.523	2.135	1.577	2.412	2857	2252
1	Y	3.153	4.351	3.051	3.518	4700	3865
2	N	1.354	1.148	0.864	1.122	1162	948
2	N	1.403	1.280	1.235	1.306	4412	3620
2	N	1.337	1.316	0.989	1.214	4058	3354
2	N	1.252	1.233	0.829	1.105	2952	2398
2	N	1.282	0.000	0.000	1.282	138	0
2	N	1.130	1.285	1.006	1.140	1759	1593
2	N	1.298	0.878	1.013	1.063	1369	1078
2	N	1.260	1.278	1.270	1.269	3597	3165
2	N	1.074	1.196	1.019	1.096	1747	1446
2	N	1.279	0.952	0.986	1.072	1928	1464
2	N	1.467	1.620	1.951	1.679	730	615
2	N	0.982	0.896	1.378	1.075	443	365
2	N	1.218	1.242	1.041	1.167	2396	2117
2	N	1.246	0.993	0.882	1.107	2056	1560
2	N	1.188	1.562	1.182	1.040	610	536
2	N	1.228	1.126	1.029	1.128	3251	2425
2		1.594			1.128		625
2	N		1.308	1.738		860	
2	N	0.810	1.171	1.229	1.070	311	265
	N	1.758	1.494	1.323	1.525	4533	3632
2	N			0.758		799	641
2	Y	2.138	1.833	1.373			
2	N	1.313	1.024	1.026	1.121	1263	1014
2	N	1.587	1.010	0.691	1.096	620	497
2	N	1.824	1.405		1.449	1156	830
2	N	1.831	1.119	0.000	1.475	155	67
2	N	1.543	1.115	0.931	1.196	646	484
2	N	1.562	1.848	1.129	1.513	2829	2352
2	N	1.286	0.964	0.857	1.036	590	535
2	N	1.155	1.060		1.077	2265	1973
2	Y	1.292	1.048	0.943	1.094	6371	4861
2	N	1.258	1.505	1.316	1.360	1997	1713
2	Y	1.426	1.349	1.097	1.291	6798	5828
2	N	1.239	1.244	1.092	1.192	3089	2543
2	N	1.240	0.919	0.000	1.080	642	533
2	N	1.736	1.079	1.040	1.285	397	250
2	N	1.534	1.028	1.125	1.229	835	587
2	N	1.247			1.068	5997	5059
2	N	1.454	1.062	0.813	1.110	2594	1779

2	Y	1.225	1.046	0.872	1.048	15917	13068
2	N	1.167	0.000	0.000	1.167	25	()
2	N	1.680	1.204	1.118	1.334	1843	1490
2	N	1.019	1.080	0.000	1.050	59	35
2	N	1.296	0.857	0.000	1.077	42	15
2	N	1.816	1.780	1.263	1.620	617	560
2	N	1.690	1.484	1.654	1.609	1999	1674
2	N	1.060	1.057	1.362	1.160	2368	1937
2	N	1.707	1.175	1.293	1.392	1253	988
2	N	1.198	1.027	0.877	1.034	6293	4923
2	N	1.598	1.321	1.230	1.383	5732	4948
2	N	1.214	1.237	0.984	1.145	1261	970
2	N	1.062	0.000	0.000	1.062	84	0
2	N	1.438	1.548	0.931	1.306	171	101
2	Y	1.487	1.295	1.097	1.293	8049	6065
2	N	1.614	1.691	1.376	1.560	4919	4217
2	N	1.196	0.962	0.957	1.038	953	734
2	N	1.049	0.843	1.221	1.038	3183	2644
2	N	1.373	1.569	1.295	1.412	1929	1627
2	N	1.692	1.462	1.286	1.480	1039	866
2	N	1.162	1.253	1.043	1.153	1113	960
2	N	1.022	1.268	1.118	1.136	1722	1442
2	N	1.639	1.110	1.026	1.258	5159	4689
2	N	1.546	1.517	1.020	1.450	4900	4356
2				1.119	1.430	3385	
2	N	1.649	1.153				3169
	N	2.411	1.328	0.984	1.574	2566	2383
2	Y	1.840	1.152	1.470	1.487	7589	6593
2	N	1.429	1.525	1.554	1.503	3283	2652
2	Y	1.595	1.157	1.784	1.512	6242	5403
2	N	1.821	1.371	1.136	1.443	1324	1034
2	N	1.851	1.522	1.433	1.602	727	517
2	N	1.543	1.068	0.978	1.196	3299	2647
2	N		1.241			1153	
2	N	1.092	1.139	0.872	1.034	1472	1294
3	N	2.221	0.644	0.163	1.009	506	283
3	N	0.931	0.696	0.718	0.782	922	863
3	N	0.852	0.807	0.991	0.883	1856	1544
3	N	0.739	0.562	0.617	0.639	199	144
3	N	1.036	0.625	0.506	0.722	523	345
3	N	0.904	0.802	0.722	0.809	1722	1457
3	N	0.699	0.644	0.859	0.734	594	478
3	N	0.901	0.818	0.696	0.805	1189	1068
3	N	1.080	0.519	0.692	0.764	1216	1018
3	N	0.633	0.000	0.000	0.633	43	0
3	N	1.124	0.961	0.821	0.969	9741	7704
3	N	0.978	0.948	0.699	0.875	2439	2080
3	N	1.375	0.931	0.572	0.959	1928	1341
3	N	0.757	0.667	0.873	0.766	901	731
3	N	0.777	0.662	0.578	0.672	645	543
3	N	0.757	0.668	0.615	0.680	1541	1259
3	N	0.694	1.294	0.921	0.970	260	192

3	N	0.765	0.000	0.000	0.765	103	0
3	N	0.968	0.000	0.000	0.968	306	()
3	N	1.000	1.018	1.029	1.016	966	714
3	N	0.648	0.902	0.695	0.748	1335	1058
3	N	1.068	0.615	0.480	0.721	470	378
3	N	0.931	0.912	0.985	0.943	1006	792
3	N	0.905	0.589	0.699	0.731	748	685
3	N	0.645	0.784	0.619	0.683	541	482
3	N	0.871	0.790	0.639	0.767	1543	1276
3	N	0.938	1.155	0.875	0.989	1467	1277
3	N	0.836	0.562	0.545	0.648	340	266
3	N	0.918	0.839	0.609	0.789	374	306
3	N	1.459	0.893	0.723	1.025	1241	1063
3	N	0.712	0.000	0.000	0.712	49	()
3	N	1.264	0.648	0.851	0.921	1051	842
3	N	0.816	0.783	0.625	0.741	3711	2969
3	N	0.935	0.754	0.616	0.768	1490	1327
3	N	1.205	0.889	0.830	0.975	1406	1129
3	N	0.803	0.699	0.881	0.794	537	457
3	N	0.921	0.974	0.545	0.813	277	341
3	N	1.032	0.714	0.222	0.656	66	33
3	N	0.892	0.455	0.603	0.650	221	121
3	N	0.893	1.131	0.719	0.914	440	327
3	N	1.036	0.469	0.000	0.753	140	89
3	N	0.822	0.781	0.645	0.749	1538	1473
3	N	1.084	0.787	1.076	0.982	477	389
3	N	1.054	0.847	0.738	0.880	554	471
3	N	0.822	0.678	0.651	0.717	1333	1104
3	N	0.700	0.000	0.000	0.700	116	()
3	N	1.525	0.728	0.562	0.938	356	173
3	N	0.702	0.747	0.525	0.658	423	385
3	N	0.750	0.519	0.000	0.635	41	17
3	N	0.701	0.585	0.642	0.643	626	553
3	N	0.913	0.810	0.866	0.863	2556	2223
3	N	0.464	0.986	0.689	0.713	811	679
3	N	0.918	0.870	0.910	0.899	4631	4027
3	N	0.822	1.212	0.816	0.950	172	150
3	N	0.680	0.684	0.722	0.695	1666	1279
3	N	0.647	0.963	0.613	0.741	51	38
3	N	0.938	0.955	1.000	0.964	246	220
3	N	0.754	0.625	0.801	0.727	2478	1966
3	N	1.137	0.774	0.582	0.831	557	392
3	N	0.632	0.630	0.630	0.631	6283	5291
3	N	0.711	0.739	0.529	0.660	2591	2145
3	N	0.904	0.712	0.697	0.771	1667	1378
3	N	0.867	0.701	0.571	0.713	511	359
3	N	0.783	0.922	0.733	0.813	1844	1752
3	N	0.848	0.765	0.667	0.760	554	449
3	N	0.813	0.911	0.771	0.832	424	347
3	N	0.748	0.867	0.928	0.848	586	678
3	N	0.918	0.683	0.684	0.762	226	173

3	N	0.646	0.806	0.846	0.766	440	380
3	N	0.792	0.764	0.408	0.655	481	361
3	N	0.979	0.914	0.853	0.915	169	105
3	N	0.798	0.809	0.733	0.780	3149	2663
3	N	0.720	1.040	1.000	0.920	492	432
3	N	1.017	0.738	0.773	0.843	2209	1713
3	N	0.996	0.860	0.688	0.848	4199	3548
3	N	1.079	0.974	0.989	1.014	4080	3378
3	N	0.725	0.679	0.559	0.654	2920	2412
3	N	0.815	0.000	0.000	0.815	118	0
3	N	0.747	0.805	0.744	0.765	1156	989
3	N	0.886	0.000	0.000	0.886	46	0
3	N	1.071	0.885	0.000	0.978	255	185
3	N	0.933	0.000	0.000	0.933	34	0
3	N	0.718	1.143	0.766	0.876	10094	8511
3	N	0.783	0.783	0.491	0.686	393	325
3	N	1.073	0.878	0.702	0.884	6549	5586
3	N	1.103	1.032	0.527	0.887	3243	2619
3	N	0.946	0.930	0.738	0.871	1744	1378
3	N	0.808	0.717	0.594	0.706	1378	1083
3	N	0.677	0.524	0.702	0.634	1149	889
3	N	0.895	0.734	0.680	0.770	4115	3355
3	N	0.814	0.776	0.463	0.684	205	170
3	N	0.712	0.000	0.000	0.712	345	0
3	N	1.054	0.822	0.696	0.857	757	676
3	N	0.696	0.000	0.000	0.696	24	0
3	N	0.616	0.845	0.408	0.623	797	631
3	N	0.750	0.607	0.529	0.629	596	421
3	N	0.694	0.770	0.529	0.664	1485	1375
3	N	1.205	1.053	0.767	1.008	5154	4171
3	N	0.958	0.769	0.463	0.730	1948	1754
3	N	0.660	1.045	0.851	0.852	1279	1223
3	N	0.705	0.825	0.435	0.655	278	226
3	N	0.680	0.000	0.000	0.680	244	0
3	N	0.739	0.000	0.000	0.739	193	0
3	N	0.687	0.700	0.886	0.758	679	498
3	N	0.828	0.710	0.767	0.768	336	314
3	N	0.545	0.714	0.675	0.645	507	491
3	N	0.668	0.598	0.674	0.647	1394	1137
3	N	0.632	0.700	0.650	0.661	237	189
3	N	0.945	0.699	0.603	0.749	1737	1418
3	N	1.060	1.014	0.824	0.966	10900	9107
3	N	1.241	0.930	0.634	0.935	344	306
3	N	1.193	0.594	0.500	0.762	622	494
3	N	0.816	0.852	0.693	0.787	2057	1775
3	N	0.789	0.676	0.723	0.729	359	279
3	N	0.866	0.644	0.550	0.687	1641	1419
4	N	0.391	0.086	0.118	0.198	496	318
4	N	0.523	0.430	0.366	0.440	930	788
4	N	0.508	0.467	0.410	0.462	1504	1184
4	N	0.315	0.000	0.000	0.315	478	0

4	N	0.522	0.317	0.366	0.402	1366	961
4	N	0.328	0.222	0.216	0.255	346	301
4	N	0.579	0.543	0.562	0.561	1126	961
4	N	0.447	0.396	0.000	0.422	130	85
4	N	0.892	0.494	0.437	0.608	161	105
4	N	0.386	0.324	0.410	0.373	174	122
4	N	0.380	0.240	0.237	0.286	268	177
4	N	0.624	0.550	0.346	0.507	463	354
4	N	0.479	0.000	0.000	0.479	497	0
4	N	0.516	0.776	0.534	0.609	173	178
4	N	0.245	0.313	0.424	0.327	427	498
4	N	0.339	0.361	0.212	0.304	2656	2011
4	N	0.539	0.714	0.589	0.614	666	550
4	N	0.679	0.460	0.585	0.575	251	227
4	N	0.610	0.565	0.380	0.518	1091	959
4	N	0.567	0.000	0.000	0.567	428	0
4	N	0.667	0.551	0.613	0.610	920	776
4	N	0.286	0.380	0.455	0.374	141	117
4	N	0.613	0.000	0.000	0.613	959	0
4	N	0.548	0.420	0.538	0.502	250	144
4	N	0.393	0.340	0.200	0.311	760	707
4	N	0.410	0.000	0.000	0.410	203	0
4	N	0.529	0.351	0.342	0.407	318	197
4	N	0.373	0.500	0.407	0.427	1777	1485
4	N	0.349	0.552	0.620	0.507	270	291
4	N	0.455	0.319	0.292	0.355	611	491
4	N	0.396	0.315	0.234	0.315	802	636
4	N	0.362	0.772	0.426	0.520	375	288
4	N	0.500	0.000	0.000	0.500	29	0
4	N	0.372	0.321	0.480	0.391	1440	1154
4	N	0.731	0.902	0.176	0.603	520	402
4	N	0.821	0.650	0.373	0.615	338	284
4	N	0.302	0.353	0.297	0.317	976	825
4	N	0.592	0.236	0.174	0.334	334	233
4	N	0.359	0.667	0.442	0.489	133	119
4	N	0.207	0.000	0.000	0.207	40	0
4	N	0.272	0.000	0.000	0.272	182	0
4	N	0.341	0.000	0.000	0.341	54	0
4	N	0.554	0.000	0.000	0.554	104	0
4	N	0.464	0.422	0.575	0.487	578	470
4	N	0.400	0.348	0.545	0.431	1153	874
4	N	0.328	0.000	0.000	0.328	21	0
4	N	0.767	0.621	0.467	0.618	244	200
4	N	0.596	0.500	0.596	0.564	2091	1763
4	N	0.355	0.375	0.336	0.355	788	637
4	N	0.361	0.000	0.000	0.361	106	0
4	N	0.356	0.443	0.354	0.384	335	343
4	N	0.389	0.574	0.432	0.465	193	184
4	N	0.420	0.337	0.432	0.351	2622	2179
4	N	0.420	0.542	0.459	0.564	522	401
4	N	0.383	0.277	0.207	0.289	640	492
	1.4	0.505	0.411	0.201	0.207	0.70	174

4	N	0.406	0.324	0.240	0.323	1910	1585
4	N	0.731	0.628	0.153	0.504	256	190
4	N	0.529	0.392	0.350	0.424	1296	983
4	N	0.306	0.210	0.155	0.224	791	745
4	N	0.339	0.437	0.312	0.363	1888	1872
4	N	0.669	0.533	0.457	0.553	454	308
4	N	0.548	0.502	0.377	0.476	5443	4658
4	N	0.414	0.421	0.694	0.510	164	164
4	N	0.235	0.000	0.000	0.235	32	0
4	N	0.162	0.222	0.235	0.206	373	364
4	N	0.500	0.513	0.524	0.512	268	203
4	N	0.605	0.586	0.482	0.558	877	769
4	N	0.471	0.000	0.000	0.471	97	0
4	N	0.567	0.000	0.486	0.527	386	0
4	N	0.545	0.693	0.575	0.604	504	486
4	N	0.673	0.568	0.311	0.517	274	244
4	N	0.779	0.609	0.453	0.614	357	299
4	N	0.500	0.486	0.532	0.506	699	615
4	N	0.289	0.449	0.367	0.368	1856	1625
4	N	0.607	0.480	0.487	0.525	1401	1053
4	N	0.634	0.462	0.000	0.548	394	310
4	N	0.661	0.428	0.378	0.489	1125	888
4	N	0.353	0.000	0.000	0.353	176	0
4	N	0.629	0.276	0.275	0.393	400	336
4	N	0.571	0.302	0.375	0.416	461	359
4	N	0.128	0.000	0.000	0.128	20	0
4	N	0.128	0.000	0.000	0.126	264	0
4	N	0.260	0.484	0.536	0.462	257	115
4	N	0.609	0.347	0.327	0.428	126	94
4	N	0.474	0.327	0.353	0.426	583	457
4	N	0.296	0.478	0.558	0.363	1081	937
4	N	0.250	0.478	0.335	0.444	243	197
4	N	0.137	0.365	0.323	0.138	619	553
4	N	0.333	0.421	0.132	0.283	430	371
4	N	0.483	0.421	0.414	0.439	307	317
4	N	0.372	0.308	0.423	0.403	805	629
4	N	0.527	0.462	0.423	0.403	1001	758
4	N	0.527	0.402	0.597	0.442	711	544
4	N N	0.318	0.329	0.000	0.376	82	66
4	N N	0.844	0.473	0.306	0.390	983	763
4	N N			0.645	0.497	1087	823
4	N N	0.477 0.756	0.460 0.564	0.043	0.547	436	343
4							0
	N N	0.421	0.000	0.000	0.421	33	
4	N	0.635	0.494	0.453	0.527	427	392
4	N	0.443	0.000	0.000	0.443	148	0
4	N	0.633	0.675	0.438	0.582	1085	890
4	N N	0.407	0.280	0.222	0.303	934	740
4	N N	0.348	0.315	0.418	0.360	377	303
4	N	0.709	0.456	0.355	0.507	383	329
4	N	0.697	0.614	0.245	0.519	143	97
4	N	0.605	0.000	0.000	0.605	56	0

4	N	0.583	0.000	0.000	0.583	57	0
4	N	0.662	0.655	0.503	0.607	1550	1377
4	N	0.417	0.000	0.000	0.417	265	0
4	N	0.471	0.325	0.495	0.430	235	157
4	N	0.638	0.590	0.492	0.573	155	102
4	N	0.523	0.456	0.283	0.421	542	387
4	N	0.374	0.339	0.171	0.295	329	286
4	N	0.234	0.000	0.000	0.234	48	0
4	N	0.618	0.000	0.000	0.618	26	2
4	N	0.346	0.466	0.367	0.393	251	165
4	N	0.533	0.308	0.272	0.371	633	483
4	N	0.353	0.684	0.000	0.519	58	54
4	N	0.172	0.000	0.000	0.172	128	0
4	N	0.520	0.586	0.449	0.518	1017	849
4	N	0.585	0.000	0.000	0.585	257	0
4	N	0.318	0.346	0.406	0.357	352	299
4	N	0.507	0.443	0.375	0.442	1464	1196
4	N	0.600	0.000	0.000	0.600	98	0
4	N	0.580	0.531	0.602	0.571	680	598
4	N	0.600	0.540	0.666	0.602	2291	1934
4	N	0.500	0.353	0.387	0.413	721	635
4	N	0.631	0.439	0.609	0.560	1900	1556
4	N	0.586	0.000	0.000	0.586	129	0
4	N	0.750	0.602	0.489	0.560	499	475
4	N	0.750	0.447	0.302	0.367	217	193
4	N	0.353	0.000	0.000	0.367	266	0
4	N	0.692	0.200	0.373	0.422	532	340
4	N	0.092	0.341	0.373	0.422	95	92
4	N	0.403	0.286	0.471	0.382	652	571
4	N	0.486	0.000	0.000	0.433	158	0
4	N	0.480	0.326	0.337	0.480	266	160
4	N N	0.520	0.520	0.337	0.328	1292	1066
4							
4	N	0.594 0.493	0.309	0.359 0.312	0.421	151	121
4	N N	0.493	0.500 0.344	0.312	0.435 0.419	456 340	403 268
4	N N	0.483		0.429			233
4	N N	0.523	0.459 0.476	0.400	0.433	228	506
4	N N	0.522			0.466 0.602	665	
4			0.000	0.000		144	1222
	N	0.653	0.537 0.270	0.415	0.535	1733	1332
4	N	0.337 0.733		0.251	0.286	1441	1218
4	N N	0.733	0.647 0.792	0.367	0.582	123 113	116
4	N			0.000	0.550		124
4	N	0.598	0.600	0.449	0.549	1644	1321
4	N	0.485	0.412	0.370	0.422	849	639
4	N	0.308	0.000	0.000	0.308	248	0
4	N	0.426	0.330	0.319	0.358	601	505
4	N	0.492	0.357	0.414	0.421	102	68
4	N	0.535	0.320	0.510	0.455	519	383
4	N	0.581	0.562	0.494	0.546	929	810
4	N	0.764	0.584	0.382	0.577	866	715
4	N	0.492	0.368	0.725	0.528	742	648

4	N	0.670	0.424	0.275	0.456	230	210
4	N	0.716	0.610	0.527	0.618	842	723
4	N	0.625	0.586	0.465	0.559	762	599
4	N	0.603	0.000	0.000	0.603	43	()
4	N	0.408	0.333	0.288	0.343	264	236
4	N	0.414	0.515	0.367	0.432	785	587
4	N	0.640	0.584	0.520	0.581	9072	7549
4	N	0.382	0.463	0.247	0.364	271	240
4	N	0.250	0.366	0.238	0.285	358	277
4	N	0.576	0.553	0.443	0.524	3715	3104
4	N	0.315	0.000	0.000	0.315	311	()
4	N	0.417	0.344	0.356	0.372	217	140
4	N	0.753	0.566	0.507	0.609	467	319
4	N	0.676	0.500	0.577	0.584	483	355
4	N	0.432	0.400	0.562	0.465	223	142
4	N	0.646	0.346	0.292	0.428	725	521
4	N	0.624	0.517	0.566	0.569	766	607
4	N	0.415	0.523	0.233	0.390	100	66
4	N	0.656	0.559	0.612	0.609	1131	972
4	N	0.267	0.000	0.000	0.267	207	0
4	N	0.425	0.000	0.000	0.425	102	0
4	N	0.311	0.133	0.153	0.199	265	184
4	N	0.513	0.000	0.000	0.513	354	()
4	N	0.345	0.000	0.000	0.345	10	()
4	N	0.260	0.354	0.267	0.294	866	726
4	N	0.485	0.305	0.153	0.314	130	122
4	N	0.425	0.430	0.309	0.388	2456	2144
4	N	0.468	0.415	0.359	0.414	2400	1804
4	N	0.597	0.493	0.301	0.464	686	506
4	N	0.475	0.445	0.208	0.376	1005	875
4	N	0.408	0.000	0.000	0.408	70	0
4	N	0.648	0.569	0.317	0.511	444	344
4	N	0.396	0.278	0.338	0.337	253	186
4	N	0.386	0.445	0.328	0.386	2380	1899
4	N	0.759	0.747	0.289	0.598	548	526
4	N	0.405	0.528	0.386	0.440	471	480
4	N	0.339 0.556	0.529 0.642	0.565 0.603	0.478 0.600	178 362	151 349
4	N N	0.536	0.042	0.568	0.537	2285	1622
4	N	0.043	0.370	0.280	0.337	384	284
4	N	0.302	0.000	0.280	0.293	325	0
4	N	0.633	0.583	0.444	0.553	580	425
4	N	0.827	0.585	0.267	0.597	1251	949
4	N	0.667	0.400	0.446	0.504	838	639
4	N	0.441	0.362	0.480	0.428	1362	1091
4	N	0.108	0.000	0.000	0.428	157	0
4	N	0.589	0.264	0.262	0.100	348	264
4	N	0.371	0.828	0.202	0.572	408	373
1	Y	49.926	2.051	2.385	18.121	14394	11622
1	Y	19.632	15.826	9.571	15.010	4227	3980
1	Y	9.353	9.314	9.471	9.379	5639	5239
Τ.	Τ.	1.000	J.JIT	フ・ゴノエ	1.011	5057	040)

物理一晶体

1	Y	11.964	9.893	12.885	11.581	1859	1709
1	Y	5.167	6.300	4.154	5.207	571	490
1	Y	6.019	5.375	5.659	5.684	37887	32281
1	Y	5.814	4.357	0.000	5.086	328	87
1	Y	10.600	0.000	0.000	10.600	1189	0
1	Y	10.623	11.507	10.896	11.009	3068	2644
1	Y	22.869	24.982	0.000	23.926	3468	1745
1	Y	15.491	16.821	14.677	15.663	7693	5265
1	Y	17.752	18.522	20.263	18.846	18855	17347
1	Y	7.328	7.180	6.944	7.151	332130	310717
1	Y	6.742	6.162	5.205	6.036	1772	1600
1	Y	11.444	12.090	11.366	11.633	8256	7491
1	Y	33.145	33.985	38.403	35.178	27005	24577
2	N	7.455	0.724	0.625	2.935	309	262
2	N	3.087	2.762	0.000	2.925	937	828
2	N	2.471	0.000	0.000	2.471	2539	0
2	N	2.677	3.171	3.253	3.034	10537	9072
2	N	2.556	0.000	0.000	2.556	434	0
2	Y	3.554	3.726	3.596	3.625	186353	179925
2	N	3.315	2.980	3.025	3.107	15542	10588
2	N	3.029	3.035	2.846	2.970	12990	11307
2	N	2.789	2.073	4.651	3.171	1033	909
2	N	2.893	2.203	2.206	2.434	16820	14421
2	N	2.746		3.255	2.434	7434	
	N N		2.805				7259
2	Y	3.018	3.212	3.629	3.286	17663	16397
2		3.093	3.149	3.044	3.095	175443	164492
2	N	2.531	2.438	2.253	2.407	9970	9859
2	N	3.317	3.467	3.542	3.442	9466	9094
2	N	2.124	5.270	3.485	3.626	5590	6139
2	N	3.147	3.526	3.514	3.396	5274	4654
2	N	2.646	2.676	2.682	2.668	4313	4123
2	N	2.670	2.758	2.418	2.615	2843	2059
2	N	1.994	2.333	2.978	2.435	2770	2343
2	N	5.502	3.779	1.918	3.733	2423	1547
2	N	3.312	3.440	3.264	3.339	8711	5924
2	N	4.270	2.730	3.278	3.426	6839	6098
2	N	4.341	4.158	4.645	4.381	41039	39234
2	N	3.278	3.880	3.709	3.622	32080	28429
2	N	3.059	3.772	3.711	3.514	36454	37689
2	N	5.083	4.034	4.189	4.435	57638	54042
2	N	2.475	2.427	2.325	2.409	17672	15971
2	N	2.866	2.908	2.893	2.889	84617	77793
2	Y	3.475	3.322	3.172	3.323	257949	250465
2	N	3.477	3.124	3.302	3.301	31678	28905
2	Y	4.922	5.050	4.696	4.889	113952	104570
2	N	2.400	2.508	2.483	2.464	70802	63423
2	N	4.437	3.674	5.133	4.415	3501	3429
2	N	2.409	2.299	3.070	2.593	5759	5571
2	N	4.037	2.921	2.132	3.030	1206	765
2	N	2.384	2.685	2.120	2.396	3129	2709
2	N	3.763	4.735	3.320	3.939	3198	3346

物理一晶体

	2	N	2.667	0.000	0.000	2.667	949	()
	2	N	3.556	3.860	4.101	3.839	2024	1842
	2	N	2.980	3.379	1.988	2.782	926	860
	2	N	2.719	2.853	2.957	2.843	5285	5046
物理一晶化	3	N	1.801	2.341	2.163	2.102	10498	10332
174 m	3	N	2.034	2.075	2.980	2.363	2275	2073
	3	N	1.844	1.161	1.485	1.497	2483	2255
	3	N	1.854	2.344	1.750	1.983	1243	1087
	3	N	2.250	0.000	0.000	2.250	2095	0
	3	N	1.410	1.763	1.701	1.625	27772	31492
	3	N	1.992	2.167		2.146	8346	
					2.280			7561
	3	N	2.223	0.000	0.000	2.223	936	203
	3	N	1.298	1.184	1.778	1.420	194	189
	3	N	2.331	2.371	1.960	2.221	5287	4604
	3	N	1.413	1.463	3.207	2.028	2638	2382
	3	N	1.795	2.152	2.188	2.045	3787	3403
	3	N	1.343	1.680	2.103	1.709	2846	3937
	3	N	2.077	2.330	1.633	2.013	549	331
	3	N	2.067	2.075	2.070	2.071	14393	12052
	3	N	1.270	1.870	1.431	1.524	2475	2262
	3	N	1.517	1.638	1.060	1.405	2432	2346
	3	N	1.958	2.120	1.842	1.973	8103	7622
	3	N	1.586	1.526	1.291	1.468	1696	1345
	3	N	1.447	1.713	1.227	1.462	5436	5359
	3	N	1.815	1.674	1.049	1.513	1596	1444
	3	N	1.968	2.015	1.801	1.928	3488	3338
	3	N	1.466	1.568	1.356	1.463	6610	6146
	3	N	1.420	1.397	1.828	1.548	3963	3542
	3	N					3674	3366
			2.616	1.803	1.455	1.958		
	3	N	2.117	2.445	2.411	2.324	7264	6514
	3	N	1.514	1.497	1.137	1.383	3788	3502
	3	N	1.809	1.809	1.569	1.729	12107	11653
	3	N	1.523	1.717	1.587	1.609	29818	30133
	3	N	2.072	2.201	2.171	2.148	115445	113773
	3	N	2.369	2.279	2.372	2.340	22675	20984
物理一晶化	3	N	1.534	1.757	1.950	1.747	23465	23256
	3	N	1.551	3.134	1.844	2.176	1835	1893
	3	N	2.283	2.315	2.026	2.208	33039	30950
	3	N	1.847	1.628	1.611	1.695	7396	6778
	3	N	1.204	1.283	1.704	1.397	20397	20175
	3	N	1.542	1.636	1.269	1.482	5726	5624
	3	N	2.000	1.967	1.704	1.890	4257	3651
	3	N	1.198	1.742	1.752	1.564	2288	2431
	3	N	1.670	1.870	1.776	1.772	11591	12535
	3	N	2.087	2.181	2.030	2.099	10236	10325
	3	N	1.577	1.540	1.680	1.599	20324	18349
	3	N	1.910	2.089	2.012	2.004	13733	13040
	3	N	2.083	2.104	2.200	2.129	21238	18175
	3							
		N	2.572	2.058	2.212	2.281	17063	15618
	3	N	1.964	1.900	1.886	1.917	32093	29228
	3	N	1.862	1.635	1.972	1.823	5386	5085

3	N	1.390	1.621	1.605	1.539	7230	6449
3	N	1.230	1.760	1.306	1.432	572	590
3	N	1.662	1.418	1.378	1.486	6715	6225
3	N	1.634	1.478	1.568	1.560	11529	11052
3	N	1.145	3.404	1.362	1.970	606	596
3	N	1.706	1.959	3.096	2.254	17982	17630
3	N	1.316	1.552	1.314	1.394	14516	15314
3	N	1.530	1.548	1.878	1.652	1753	1663
3	N	1.638	1.738	1.780	1.719	19110	17527
3	N	2.009	2.174	1.711	1.965	26352	23997
3	N	1.552	0.000	0.000	1.552	336	0
3	N	1.630	1.551	1.457	1.546	1277	1215
3	N	1.030	1.781	0.000	1.509	103	82
3	N	2.560	2.147	0.000	2.354	555	260
3						14746	12542
	N	1.562	1.441	1.430	1.478		
3	N	1.568	1.926	1.735	1.743	10957	9721
3	N	2.628	2.471	2.032	2.377	4185	3821
3	N	2.368	1.661	1.936	1.988	5988	5331
3	N	1.882	1.447	1.110	1.480	2820	2595
3	N	3.500	1.647	1.000	2.049	472	445
3	N	1.786	1.211	1.473	1.490	448	322
3	N	1.837	1.557	1.535	1.643	15207	14511
3	N	1.494	1.422	1.259	1.392	5501	5462
3	N	2.162	2.425	2.012	2.200	19982	16747
3	N	1.368	1.804	1.508	1.560	1132	1148
3	N	1.566	1.510	1.511	1.529	9466	8090
3	N	2.694	1.847	2.547	2.363	4725	3836
3	N	1.511	2.420	1.037	1.656	617	569
4	N	0.200	0.000	0.000	0.200	22	()
4	N	0.534	0.622	0.416	0.524	501	531
4	N	0.637	0.538	0.707	0.627	1431	1473
4	N	0.782	0.561	0.719	0.687	6619	6119
4	N	0.411	0.367	0.508	0.429	8891	7113
4	N	1.137	1.297	0.775	1.070	2238	1956
4	N	0.865	0.939	0.583	0.796	485	606
4	N	0.465	0.552	0.438	0.485	273	263
4	N	0.433	0.321	0.340	0.365	946	829
4	N	0.648	0.767	0.664	0.693	1820	1750
4	N	1.003	1.165	1.277	1.148	6600	6421
4	N	1.077	0.000	1.026	1.052	259	()
4	N	0.779	0.831	0.889	0.833	5332	4701
4	N	1.293	1.234	1.289	1.272	519	439
4	N	0.260	0.180	1.444	0.628	258	223
4	N	0.784	0.789	0.594	0.722	1227	1083
4	N	0.819	0.748	0.706	0.758	825	661
4	N	0.313	0.000	0.000	0.313	167	0
4	N	0.993	0.825	0.523	0.780	807	725
4	N	1.197	1.076	1.015	1.096	448	415
4	N	0.575	0.512	0.478	0.522	937	895
4	N	0.864	0.676	0.886	0.809	3593	3237
4	N	0.728	0.448	0.538	0.571	224	132
7	1.4	0.720	0.440	0.330	0.571	22 4	134

物理一晶(物理一晶(

4	N	0.804	0.000	0.000	0.804	661	()
4	N	0.489	0.455	0.000	0.472	368	323
4	N	0.515	0.270	0.165	0.317	389	269
4	N	1.293	0.000	0.000	1.293	1141	133
4	N	0.251	0.000	0.000	0.251	126	26
4	N	0.972	0.743	0.812	0.842	4903	4108
4	N	0.579	0.719	0.676	0.658	1678	1836
4	N	1.429	1.431	0.812	1.224	299	284
4	N	0.808	0.979	0.818	0.868	167	138
4	N	0.475	0.488	0.470	0.478	233	227
4	N	1.483	1.552	0.451	1.162	575	478
4	N	1.529	1.250	1.186	1.322	962	717
4	N	0.667	0.538	0.397	0.534	504	366
4	N	1.384	1.164	0.888	1.145	925	810
4	N	0.987	0.915	0.981	0.961	1582	1615
4	N	0.896	0.921	0.768	0.862	2283	1845
4	N	0.559	0.481	0.380	0.473	1825	1828
4	N	0.195	0.289	0.257	0.247	380	414
4	N	0.653	0.458	0.568	0.560	284	222
4	N	1.340	1.167	1.198	1.235	539	420
4	N	1.340	1.379	0.632	1.117	868	784
4	N	0.741	0.625	0.608	0.658	956	760
4	N	0.756	0.822	0.778	0.785	1118	1053
4	N	0.840	0.689	0.000	0.765	815	360
4	N	1.542	1.469	0.985	1.332	1872	1629
4	N	0.733	0.375	0.394	0.501	175	247
4	N	0.468	1.014	0.856	0.779	421	403
4	N	0.425	0.421	0.952	0.599	171	188
4	N	0.897	1.012	0.935	0.948	721	677
4	N	1.108	1.309	1.413	1.277	1053	913
4	N	0.805	0.829	0.951	0.862	1753	1336
4	N	1.330	1.324	1.370	1.341	489	405
4	N	0.233	0.260	0.171	0.221	343	431
4	N	0.850	0.852	0.840	0.847	752	707
4	N	0.578	0.469	0.332	0.460	877	767
4	N	1.043	1.447	1.025	1.172	5465	5080
4	N	0.226	0.175	0.265	0.222	444	479
4	N	0.246	0.338	0.340	0.308	910	954
4	N	0.903	1.037	0.962	0.967	993	1068
4	N	0.225	0.255	0.305	0.262	330	285
4	N	0.571	0.430	0.314	0.438	322	282
4	N	0.896	0.648	0.000	0.772	138	90
4	N	0.804	1.147	1.003	0.985	3575	4038
4	N	1.612	1.464	0.662	1.246	415	310
4	N	0.941	0.982	0.764	0.896	4290	4214
4	N	0.408	0.558	0.647	0.538	2781	2530
4	N	1.022	0.728	0.841	0.864	1410	1159
4	N	0.643	0.728	0.684	0.606	954	775
4	N	1.461	1.296	1.249	1.335	3073	2616
4	N	0.936	0.916	0.712	0.855	3661	3381
4	N	0.632	0.774	0.712	0.658	346	321
7	14	0.032	U. / / T	0.500	0.050	570	J41

物理一晶(物理一晶(

	4	N	0.688	0.675	0.489	0.617	2398	2161
	4	N	0.702	0.889	0.698	0.763	1832	1680
	4	N	0.286	0.000	0.000	0.286	752	0
	4	N	0.915	1.065	0.956	0.979	7609	7951
	4	N	0.421	0.585	0.508	0.505	303	299
	4	N	0.942	1.290	1.082	1.105	3762	3676
	4	N	0.797	0.000	0.000	0.797	91	()
	4	N	0.871	0.892	1.075	0.946	11368	10960
	4	N	0.714	0.683	0.986	0.794	1169	990
	4	N	0.652	0.549	0.759	0.653	377	313
	4	N	0.279	0.227	0.098	0.201	107	115
	4	N	1.074	1.034	0.773	0.960	2971	2978
	4	N	1.214	0.940	0.681	0.945	297	206
	4	N	1.318	1.085	1.137	1.180	13777	11976
	4	N	0.610	0.644	0.722	0.659	198	169
	4	N	0.942	1.062	1.074	1.026	3353	3752
	4	N	0.991	1.822	1.218	1.344	634	847
	4	N	1.227	1.085	0.644	0.985	415	351
	4	N	0.621	0.760	0.437	0.606	366	283
	4	N	0.549	0.667	0.474	0.563	293	333
	4	N	1.278	0.000	0.000	1.278	166	0
	4	N	0.201	0.341	0.307	0.283	374	425
	4	N	0.775	0.579	0.661	0.672	1279	1281
	4	N	0.748	0.628	0.718	0.698	240	148
	4	N	0.831	0.571	0.425	0.609	675	635
	4	N	0.331	0.000	0.000	0.009	99	0
	4							
		N	0.200	0.000	0.000	0.200	28	0
	4	N	1.138	1.309	1.247	1.231	29661	30704
	4	N	0.203	0.245	0.245	0.231	252	325
	4	N	0.676	0.777	0.696	0.716	1293	1149
44 F	4	N	0.969	0.916	1.044	0.976	1764	1377
物理一晶化	4	N	1.451	1.132	1.362	1.315	3635	3575
	4	N	0.395	0.000	0.000	0.395	135	0
	4	N	0.662	0.780	0.955	0.799	1150	1156
	4	N	0.457	0.000	0.000	0.457	415	0
	4	N	0.892	0.604	0.641	0.712	687	546
	4	N	0.540	0.354	0.186	0.360	89	75
	4	N	1.085	1.077	1.045	1.069	1010	919
	4	N	0.780	0.000	0.000	0.780	220	0
	4	N	1.075	1.334	1.455	1.288	3693	3630
	4	N	0.512	0.471	0.400	0.461	1052	895
物理一晶体	4	N	0.451	0.537	0.554	0.514	4767	4752
	4	N	1.802	0.988	0.593	1.128	622	527
	4	N	1.258	1.359	1.339	1.319	2693	2279
	4	N	1.317	1.019	1.114	1.150	21173	18407
	4	N	1.156	0.999	0.997	1.051	15307	14782
	4	N	0.310	0.000	0.000	0.310	91	0
	4	N	0.159	0.267	0.175	0.200	209	243
	4	N	0.265	0.238	0.217	0.240	1097	943
	4	N	0.358	0.204	0.284	0.282	165	177
	4	N	0.981	0.892	0.872	0.915	1268	1119

4	N	0.529	0.545	0.683	0.586	484	503
4	N	0.505	0.584	0.688	0.592	2253	2545
4	N	0.378	0.507	0.385	0.423	1183	1095
4	N	0.935	1.201	0.865	1.000	1015	966
4	N	0.591	0.550	0.565	0.569	457	343
4	N	0.105	0.154	0.180	0.146	115	162
4	N	0.539	0.491	0.515	0.515	1262	1193
4	N	0.935	1.015	0.561	0.837	355	337
4	N	0.500	0.440	0.417	0.452	64	53
4	N	1.088	0.970	0.946	1.001	5731	4871
4	N	0.721	0.682	0.650	0.684	4967	4880
4	N	1.150	1.166	1.071	1.129	7751	7186
4	N	0.883	0.686	0.816	0.795	548	549
4	N	1.056	0.822	0.751	0.876	12026	10991
4	N	0.723	0.740	1.079	0.847	7178	7655
4	N	1.177	1.230	0.834	1.080	3888	3751
4	N	0.640	0.588	0.786	0.671	110	103
4	N	0.584	0.785	0.653	0.674	934	1014
4	N	0.380	0.402	0.317	0.366	332	314
4	N	0.360	0.348	0.293	0.334	1487	1378
4	N	0.349	0.274	0.383	0.335	1078	1050
4	N	0.013	0.000	0.000	0.013	20	0
4	N	0.510	0.500	0.590	0.533	178	174
4	N	0.547	0.480	0.606	0.544	1600	1472
4	N	1.073	1.125	0.797	0.998	1085	968
4	N	1.449	0.947	1.041	1.146	266	223
4	N	0.550	0.415	0.303	0.423	1005	928
4	N	0.725	0.568	0.420	0.571	321	316
4	N	0.658	0.576	0.624	0.619	843	725
4	N	0.275	0.000	0.000	0.275	111	0
4	N	1.190	1.258	1.386	1.278	690	566
4	N	0.321	0.262	0.152	0.245	369	327
4	N	0.279	0.000	0.000	0.279	167	0
4	N	0.458	0.000	0.000	0.458	170	0
4	N	0.850	0.944	1.012	0.935	410	332
4	N	1.040	0.973	0.591	0.868	567	303
4	N	0.312	0.000	0.000	0.312	516	552
4	N	0.637	0.565	0.674	0.625	1573	1453
4	N	0.095	0.465	0.310	0.290	240	224
4	N	0.442	0.547	0.540	0.510	617	456
4	N	0.000	0.000	0.000	0.000	2021	0
4	N	0.189	0.321	0.204	0.238	127	146
4	N	0.585	0.866	0.817	0.756	708	701
4	N	0.986	0.820	0.288	0.698	225	190
4	N	0.485	0.597	0.459	0.514	327	305
4	N	0.783	0.562	0.661	0.669	444	255
4	N	0.910	1.211	1.344	1.155	1518	1518
4	N	0.789	0.000	0.000	0.789	302	0
4	N	0.580	0.581	0.449	0.537	1728	1629
4	N	0.495	0.522	0.460	0.492	1989	1925
4	N	0.796	0.721	0.622	0.713	1912	1592
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物理一晶体

4	N	1.534	1.510	0.827	1.290	1060	1037
4	N	0.172	0.353	0.147	0.224	295	291
4	N	1.379	1.391	0.869	1.213	1072	1023
4	N	0.638	1.118	0.759	0.838	443	601
4	N	1.443	1.390	1.117	1.317	1052	909
4	N	1.006	0.708	1.338	1.017	3581	3319
4	N	0.221	0.302	0.258	0.260	705	675
4	N	0.850	0.737	0.691	0.759	2078	2170
4	N	1.037	1.447	1.112	1.199	2189	1808
1	Y	11.957	8.287	8.224	9.489	14555	12455
1	Y	7.725	8.625	6.264	7.538	2162	2245
1	Y	6.307	6.740	6.603	6.550	46005	38998
1	Y	6.012	6.444	6.101	6.186	26199	26249
1	Y	12.522	10.545	9.127	10.731	42193	41537
1	Y	10.689	9.792	9.074	9.852	45203	43595
1	Y	6.433	6.559	6.423	6.472	12638	10903
1	Y	16.225	17.457	15.516	16.399	45184	44785
1	Y	9.317	9.935	8.813	9.355	29669	28710
1	Y	8.111	7.188	6.411	7.237	20406	17807
1	Y	7.900	8.460	7.446	7.935	32337	31649
1	Y	37.902	41.059	47.981	42.314	15517	15519
1	Y	9.940	10.985	13.415	11.447	4257	4057
1	Y	24.822	26.405	26.077	25.768	10990	10132
1	Y	8.783	8.205	8.689	8.559	4100	3638
1	Y	13.500	7.529	3.684	8.238	962	341
1	Y	22.468	21.561	21.696	21.908	6749	6510
1	Y	18.170	19.740	18.875	18.928	6980	7039
1	Y	22.750	16.217	13.400	17.456	8192	6715
1	Y	7.915	6.045	8.978	7.646	2828	2491
1	Y	12.257	14.273	15.976	14.169	33963	33954
1	Y	9.813	9.110	8.391	9.105	35977	35176
1	Y	7.235	6.858	7.221	7.105	29651	28132
1	Y	7.332	6.787	7.677	7.265	41156	44251
1	Y	11.685	10.283	7.264	9.744	2271	2100
1	Y	19.045	12.818	17.462	16.442	6290	5274
1	Y	8.926	8.672	8.456	8.685	31909	29333
1	Y	10.555	10.432	10.896	10.628	126597	122032
1	Y	7.185	7.816	5.922	6.974	1423	1355
1	Y	9.490	9.603	8.568	9.220	34282	31310
1	Y	7.390	6.236	6.477	6.701	7805	7202
1	Y	13.660	12.827	9.723	12.070	71175	68464
1	Y	87.925	74.575	69.026	77.175	8528	7522
1	Y	7.271	7.464	7.067	7.267	10024	9606
1	Y	25.288	24.962	23.858	24.703	15367	12985
1	Y	9.345	6.766	4.241	6.784	3537	2825
1	Y	7.543	7.514	7.672	7.576	131662	125341
1	Y	6.979	5.907	6.519	6.468	15940	13154
1	Y	9.214	9.989	9.721	9.641	39903	39873
1	Y	14.816	14.595	12.755	14.055	145961	143852
1	Y	6.747	6.488	6.250	6.495	52244	46744
1	Y	8.195	8.266	6.750	7.737	38561	37895

1	Y	14.691	16.409	15.764	15.621	10034	9307
1	Y	6.961	7.586	8.033	7.527	12686	12184
1	Y	6.373	6.594	6.283	6.417	28896	27681
1	Y	10.881	10.455	9.325	10.220	8252	7852
1	Y	6.133	6.629	6.194	6.319	3404	3176
1	Y	7.211	8.102	8.958	8.090	9784	9413
1	Y	7.259	6.528	6.390	6.726	4012	3331
1	Y	8.505	8.398	8.261	8.388	45282	43101
1	Y	6.718	7.349	7.851	7.306	43007	40826
1	Y	6.551	6.418	5.822	6.264	21339	20331
1	Y	6.630	6.618	6.761	6.670	6723	5570
1	Y	12.581	9.412	6.435	9.476	1654	1406
1	Y	6.794	6.449	5.775	6.339	18017	15259
1	Y	19.761	18.562	18.493	18.939	12727	12548
1	Y	17.500	12.130	5.429	11.686	2259	2061
1	Y	9.800	8.917	7.924	8.880	23611	21703
1	Y	7.667	6.512	5.634	6.604	12901	11280
1	Y	12.048	8.692	6.481	9.074	2003	1817
1	Y	12.899	12.591	11.673	12.388	55276	54263
1	Y	6.713	7.367	5.888	6.656	17856	18023
1	Y	9.357	9.766	10.015	9.713	28455	28372
1	Y	10.840	11.355	10.734	10.976	41640	41145
1	Y	6.887	7.033	6.273	6.731	8765	7836
1	Y	7.042	7.590	7.257	7.296	4121	3784
1	Y	6.614	7.368	7.194	7.059	28849	28464
1	Y	20.589	20.579	19.266	20.145	27330	25824
1	Y	10.050	11.761	10.536	10.782	10693	10029
1	Y	9.165	9.773	8.115	9.018	30363	29564
1	Y	12.640	11.438	11.054	11.711	62350	60121
1	Y	7.689	7.505	7.111	7.435	27269	26176
1	Ÿ	7.231	7.881	3.391	6.168	3239	3322
1	Y	6.043	6.443	6.004	6.163	19632	19819
1	Y	15.387	16.559	16.915		87133	87012
1	Y	17.793	17.157				97639
1	Y	14.505	15.463	15.612	15.193	65865	67322
1	Y	7.818	7.056	6.642	7.172	17413	16961
1	Y	14.069	14.933	15.678	14.893	35795	35371
1	Y	7.178	7.452	7.490	7.373	127366	120933
1	Y	6.424	6.662	5.915	6.334	19201	19391
1	N	6.069	6.291	5.947	6.102	9876	9050
1	Y	28.899	31.718	25.547	28.721	117090	114250
1	Y	30.758	28.409	28.638	29.268	152843	148106
1	Y	15.583	13.165	12.058	13.602	6362	5170
1	Y	18.126	14.270	10.169	14.188	8432	6346
1	Y	14.470	13.283	12.247	13.333	8251	6586
1	Y	8.296	8.634	6.924	7.951	15210	14345
1	Y	8.656	8.907	7.264	8.276	2737	2426
1	Y	6.492	7.320	7.204	7.066	1674	1513
1	Y	15.049	12.537	10.900	12.829	10188	9464
1	Y	8.075	9.113	8.217	8.468	1730	1437
1	Y	26.000	25.113		25.777	26973	25245
Τ.	T	20.000	40.110	40.410	40.111	40713	4040

1	Y	27.136	27.553	26.382	27.024	49928	48632
1	Y	14.345	14.164	15.664	14.724	32677	29226
1	Y	29.538	30.762	29.190	29.830	22298	18908
1	Y	29.059	28.690	23.308	27.019	12276	10062
1	Y	32.245	30.006	28.300	30.184	17895	15775
1	Y	26.483	25.940	24.520	25.648	18553	15642
1	Y	8.172	7.043	6.014	7.076	71302	69140
1	Y	13.260	14.170	13.410	13.613	56161	53310
1	Y	6.993	6.835	6.157	6.662	15516	14491
1	Y	7.791	7.804	8.147	7.914	9045	7960
1	Y	47.050	50.017	52.589	49.885	216752	205750
1	Y	5.086	5.569	7.821	6.159	2844	2461
1	Y	7.135	7.216	6.440	6.930	57366	56007
1	Y	17.000	21.936	18.823	19.253	8937	9184
1	Y	8.897	9.443	7.968	8.769	8922	8536
1	Y	37.726	35.000	29.600	34.109	19371	17865
1	Y	6.945	7.159	6.954	7.019	1611	1296
1	Y	13.050	12.185	12.601	12.612	8425	6075
1	Y	9.140	9.130	10.467	9.579	9014	8746
1	Y	7.755	6.306	7.725	7.262	2661	2374
1	Y	12.854	12.568	10.905	12.109	26149	22965
1	Y	9.082	11.765	7.803	9.550	20106	17810
1	Y	7.449	7.130	7.174	7.251	1446	1209
1	Y	7.467	6.592	5.843	6.634	7578	6686
1	Y	6.918	8.284	7.510	7.571	3708	3506
1	Y	9.155	9.114	7.000	8.423	3076	2780
1	Y	7.747	7.741	7.531	7.673	12969	10459
1	Y	7.041	6.499	6.296	6.612	46637	41755
1	Y	7.041	7.069	6.226	6.779	15521	15136
1	Y	11.664	10.981	9.389	10.678	11626	9143
1	Y	6.562	7.119	7.195	6.959	4220	4039
1	Y	8.768	9.910	9.480	9.386	6676	6542
1	Y	11.049	9.621	7.244	9.305	4780	4280
1	Y	12.794	12.817		12.697	16663	
1	Y	9.064	9.340	9.610	9.338	9297	9642
1	Y	8.000	5.923	5.273	6.399	2328	1978
2	N	3.540	5.529	3.756	4.275	1361	1064
2	N	6.397	5.310	3.179	4.962	8563	7726
2	N	3.733	3.525	3.782	3.680	9790	9264
2	N	3.842	4.244	4.014	4.033	10432	9861
2	N	4.456	4.721	7.524	5.567	1815	1885
2	N	6.231	5.514	4.270	5.338	1316	1153
2	N	5.167	2.500	2.529	3.399	979	881
2	N	5.522	4.886	3.120	4.509	1328	1279
2	N	5.839	5.105	2.925	4.623	699	661
2	N	5.622	6.209	6.365	6.065	1170	1064
2	N	4.909	5.460	5.842	5.404	19911	20159
2	N	3.786	3.268	3.714	3.589	591	489
2	N	4.357	3.710	3.201	3.756	11831	11304
2	N	6.380	6.204	5.014	5.866	10370	9947
2	N	4.553	0.000	0.000	4.553	799	0
_	- 1						

2	N	4.357	4.285	3.649	4.097	18708	18847
2	Y	3.575	3.905	3.603	3.694	34917	35642
2	Y	5.589	5.454	5.285	5.443	30208	28967
2	N	3.353	4.022	3.498	3.624	3176	3152
2	N	5.152	4.822	3.981	4.652	18420	17555
2	N	4.466	5.105	4.907	4.826	23323	23727
2	N	3.481	3.932	4.224	3.879	3755	3288
2	N	4.562	3.209	4.226	3.999	924	751
2	Y	5.673	5.697	5.487	5.619	35130	34497
2	N	4.395	3.855	4.138	4.129	18615	16765
2	N	3.258	3.587	3.761	3.535	13541	13313
2	Y	3.712	3.643	3.973	3.776	28952	28177
2	N	4.043	3.924	4.214	4.060	12359	11814
2	N	3.731	3.890	4.416	4.012	14292	13879
2	N	4.235	3.766	3.489	3.830	9457	8625
2	N	4.371	4.241	3.612	4.075	23364	22465
2	N	3.605	3.646	3.397	3.549	13031	11840
2	N	4.062	4.020	4.181	4.088	14848	14886
2	N	5.354	5.124	4.596	5.025	21357	20294
2	N	4.232	3.755	3.500	3.829	8293	8227
2	N	4.130	3.541	4.542	4.071	1887	1555
2	N	4.246	5.435	5.779	5.153	3260	3222
2	N	5.647	4.935	4.875	5.152	16964	15689
2	N	4.130	3.898	3.917	3.982	9632	8085
2	N	9.613	4.471	4.049	6.044	837	459
2	Y	4.802	4.716	4.390	4.636	41312	37237
2	N	3.612	3.613	3.358	3.528	3732	3366
2	N	4.322	4.105	4.547	4.325	2956	2880
2	N	4.760	3.402	2.845	3.669	11875	12138
2	N	6.312	5.874	5.783	5.990	20691	19362
2	N	4.726	4.320	3.725	4.257	7883	7281
2	N	4.323	4.259	3.485	4.022	13619	14091
2	N			0.000			()
2	N	4.271	4.485	4.035	4.264	5513	4709
2	N	4.522	4.601	4.287	4.470	15753	13955
2	N	4.947	6.559	4.935	5.480	764	798
2	N	6.368	5.371	3.862	5.200	2970	2114
2	N	5.302	3.803	4.019	4.375	8463	7476
2	N	5.973	5.407	4.333	5.238	2379	2266
2	N	3.893	5.225	3.805	4.308	1515	1450
2	N	4.254	4.838	4.006	4.366	23088	23012
2	N	3.149	3.732	3.797	3.559	3624	3252
2	N	4.363	3.686	2.715	3.588	3983	3073
2	N	5.502	3.959	4.442	4.634	3717	2969
2	N	3.985	3.276	0.000	3.631	864	622
2	N	4.089	4.145	3.966	4.067	13402	13078
2	N	5.061	4.909	4.659	4.876	3403	2885
2	N	5.903	5.576	3.655	5.045	3260	3075
2	N	4.415	2.417	0.000	3.416	238	67
2	N	5.326	5.052	4.371	4.916	4644	3811
2	N	4.696	5.684	4.453	4.944	9695	9299

2	Y	4.346	4.846	4.635	4.609	31646	31550
2	N	4.260	3.489	3.503	3.751	17207	16437
2	N	4.597	4.478	4.490	4.522	20427	20136
2	N	5.204	4.902	3.767	4.624	24221	23987
2	N	5.777	5.077	5.446	5.433	19155	18503
2	N	4.077	4.921	4.304	4.434	18455	19353
2	N	3.199	3.690	3.279	3.389	5853	5433
2	N	4.310	4.770	4.642	4.574	16984	15330
2	N	3.791	3.804	3.728	3.774	4218	3867
2	N	3.741	3.504	3.398	3.548	14712	13358
2	N	6.000	0.000	0.000	6.000	549	0
2	N	3.771	3.471	3.165	3.469	5001	3755
2	N	5.295	4.729	4.539	4.854	2546	2188
2	Y	5.418	5.238	4.632	5.096	60723	60637
2	N	4.795	4.930	5.406	5.044	19181	18527
2	N	5.208	4.114	1.738	3.687	520	515
2	N	5.801	5.947	6.127	5.958	17024	16079
2	N	4.169	3.383	4.170	3.907	460	352
2	N	3.740	3.491	3.508	3.580	8959	8736
2	Y	6.360	5.154	4.143	5.219	41623	41112
2	N	3.400	0.000	0.000	3.400	175	0
2	N	3.433	0.000	0.000	3.433	142	0
2	N	6.263	5.579	4.803	5.548	24297	23068
2	N	4.084	3.556	3.729	3.790	9261	9128
2	N	5.642	6.068	5.465	5.725	5503	4579
2	N	3.863	3.606	3.551	3.673	6011	5630
2	N	4.844	4.361	0.000	4.603	3285	1733
2	N	4.014	3.554	2.980	3.516	5566	4808
2	N	3.915	3.181	3.231	3.442	2343	2421
2	N	4.560	4.206	4.145	4.304	5685	5448
2	N	3.982	4.187	3.900	4.023	7410	7125
2	N	4.923	4.432	3.795	4.383	670	621
2	N	3.879	3.780	4.514			2360
2	Y	3.571	4.697	0.000	4.134	528	457
2	N	5.653	5.182	4.654	5.163	23102	
2	N	4.122	4.256	4.026	4.135	5397	4822
2	N	4.931	4.553	3.834	4.439	5771	4522
2	N	4.480	5.154	5.037	4.890	910	892
2	N	5.269	4.589	4.632	4.830	3690	3237
2	N	4.232	7.204	5.145	5.527	2399	2328
2	N	4.971	4.132	3.488	4.197	1280	977
2	N	5.129	4.316	5.385	4.943	1812	1388
2	N	3.989	4.350	4.490	4.276	2136	1735
2	N	3.932	4.187	4.035	4.051	2576	2242
2	N	4.852	3.860	4.455	4.389	1159	935
2	N	4.708	4.823	4.944	4.825	9224	7839
2	N	5.096	5.254	4.624	4.991	2398	2159
2	N	4.291	3.690	2.930	3.637	2606	2191
2	N	4.291	4.205	3.760	4.290	1916	1593
2	N N	4.331	3.877	3.271	3.826	1547	1393
2	N N	5.193		4.408	4.793	2298	2191
4	1.1	3.173	4.779	4.400	4.773	4470	2171

2	N	4.723	4.350	4.754	4.609	2271	1925
2	N	3.549	3.324	0.000	3.437	2451	2194
2	N	3.961	4.000	4.146	4.036	2420	2381
2	N	5.430	5.550	5.550	5.510	3865	3666
2	N	4.088	4.116	3.692	3.965	2389	2219
2	N	4.600	4.689	0.000	4.645	3393	3007
2	N	4.414	4.399	4.868	4.560	8781	8018
2	N	7.545	3.000	1.000	3.848	262	229
2	N	3.957	3.292	3.042	3.430	378	360
2	N	4.473	4.268	4.325	4.355	3872	3455
2	N	4.160	5.102	4.411	4.558	4451	4260
2	N	2.970	3.582	4.122	3.558	633	585
2	N	4.126	4.259	3.441	3.942	2617	2046
2	N	3.599	3.371	3.222	3.397	8348	7463
2	N	3.743	3.835	3.907	3.828	12217	11402
2	N	5.439	5.622	5.579	5.547	2058	2055
2	N	3.522	3.537	3.536	3.532	3285	3194
2	N	4.732	4.128	3.726	4.195	8608	8644
2	Y	4.752	4.945	5.045	4.914	45870	44909
2	N	4.282	5.236	5.193	4.904	3434	3080
2	N	5.545	6.091	4.166	5.267	7323	7926
2	N	5.511	5.406	5.283	5.400	7426	6991
2	N	4.052	3.733	3.569	3.785	18410	16383
2	N	4.121	4.475	4.454	4.350	17414	17214
2	N	3.539	3.791	3.239	3.523	7843	7320
2	N	5.179	4.865	4.662	4.902	20139	20202
2	Y	3.418	3.385	3.673	3.492	25775	25084
2	N	4.531	4.532	4.101	4.388	8793	8825
2	N	3.612	3.800	3.716	3.709	2746	2312
2	N	3.684	3.661	4.430	3.925	3017	2845
2	N	3.589	3.651	3.405	3.548	10865	9560
2	N	5.527	5.545	5.349	5.474	21199	20335
2	N	2.357	3.400	4.438	3.398	276	315
2	N	3.589	3.948	3.695	3.744	19418	18859
2	N	3.914	3.974	3.982	3.957	15395	14885
2	N	4.218	4.058	3.667	3.981	3515	3238
2	N	3.713	4.038	3.333	3.695	1749	1476
2	N	3.693	3.472	3.135	3.433	1219	1039
2	N	3.970	4.167	3.168	3.768	24036	21960
2	Y	6.081	5.399	4.813	5.431	26148	24601
2	N	3.858	3.925	4.532	4.105	5025	5024
2	N	4.745	4.492	4.812	4.683	9279	9157
2	N	3.795	3.890	3.533	3.739	1760	1387
2	N	4.222	4.006	4.088	4.105	3115	2538
2	N	3.922	3.716	3.318	3.652	2417	2082
2	N	4.932	5.599	5.380	5.304	8207	7937
2	N	6.416	5.978	5.516	5.970	8299	7459
2	N	6.910	5.010	3.870	5.263	3284	2578
2	N	5.385	4.964	4.141	4.830	11674	11162
2	N	5.865	4.015	2.125	4.002	1076	954
2	N	4.559	4.444	4.203	4.402	3936	3007

2	N	3.913	5.230	5.745	4.963	5550	5311
2	N	3.855	4.131	3.791	3.926	6874	6844
2	N	3.770	3.876	3.401	3.682	6231	5638
2	N	6.256	5.395	6.151	5.934	8443	6602
2	N	4.202	4.104	4.330	4.212	6286	6357
2	N	3.859	3.773	3.543	3.725	23668	23132
2	N	3.540	4.004	3.275	3.606	9957	10426
2	N	4.200	3.859	3.033	3.697	2555	2395
2	N	3.276	3.432	3.398	3.369	8592	8179
2	Y	4.205	3.432	3.996	4.063	52874	
2							48776
	N	4.643	4.975	4.705	4.774	4625	4021
2	N	3.705	4.021	3.040	3.589	2259	2052
2	Y	4.722	4.734	4.555	4.670	37606	36277
2	N	5.262	5.838	5.151	5.417	11744	11086
2	N	3.061	2.793	4.665	3.506	1080	897
2	N	4.874	4.378	4.895	4.716	2392	2046
2	N	4.343	3.640	3.560	3.848	16258	14498
2	N	3.819	3.752	3.392	3.654	7986	6839
2	Y	4.592	4.639	4.290	4.507	35394	33397
2	N	2.641	4.935	3.595	3.724	805	787
2	N	5.168	5.055	4.623	4.949	12420	11804
2	Y	3.431	3.582	3.528	3.514	31564	28847
2	N	4.850	5.289	4.234	4.791	4866	4682
2	N	3.763	3.271	3.144	3.393	10622	9154
2	N	3.832	5.101	4.081	4.338	2679	1845
2	N	4.983	4.845	4.655	4.828	15806	14921
2	N	4.105	4.081	2.904	3.697	17472	17616
2	N	3.651	3.692	3.101	3.481	8960	8542
2	N	3.656	3.805	3.539	3.667	17909	18079
2	N	3.709	3.467	0.000	3.588	1315	1112
2	N	3.974	3.428	3.094	3.499	4183	2574
2	N	4.352	4.328	4.038	4.239	16521	14845
2	Y	3.732	3.658	3.632	3.674	39278	
2	N	3.703	3.798	3.475	3.659	6688	6263
2	N	5.228	5.114	6.807	5.716	3733	2432
2	N	5.457	5.741	5.147	5.448	11951	11392
2	N	4.983	4.854	4.432	4.756	10594	9555
2	Y	6.202	6.325	5.493	6.007	65847	64185
2	Y			3.708			
2		4.162 5.218	3.945 5.053		3.938	49301 16807	46850
	N			5.060	5.110		16883
2	N	5.092	4.371	3.878	4.447	4683	4744
2	N	5.382	4.867	4.997	5.082	11863	9746
2	Y	3.718	3.743	3.915	3.792	33962	34135
2	N	5.949	5.690	4.756	5.465	20423	18716
2	N	4.260	4.711	4.831	4.601	7746	7666
2	N	4.988	5.132	4.364	4.828	13845	13582
2	Y	5.646	6.000	6.068	5.905	124712	123910
2	N	3.203	3.662	4.837	3.901	2075	1948
2	Y	5.865	5.682	6.035	5.861	38500	37026
2	N	5.942	5.412	4.901	5.418	7470	7198
2	N	5.543	5.251	4.829	5.208	20245	19395

2	N	4.403	4.605	4.128	4.379	13946	12854
2	N	4.074	4.167	3.765	4.002	1637	1524
2	Y	4.802	4.898	4.895	4.865	49474	45190
2	N	5.751	5.713	5.535	5.666	10710	10667
2	N	3.924	3.590	2.953	3.489	1319	930
2	N	4.965	5.054	5.246	5.088	9263	9279
2	N	3.413	3.643	3.478	3.511	1664	1467
2	N	5.004	4.370	4.820	4.731	4958	4408
2	Y	3.999	4.500	4.451	4.317	36694	36331
2	N	4.675	3.206	0.000	3.941	787	509
2	N	4.869	4.622	3.857	4.449	22316	21062
2	N	4.564	5.140	4.718	4.807	8087	7797
2	Y	3.483	3.648	3.684	3.605	41700	40378
2	N	4.255	3.528	3.640	3.808	5959	5060
2	Y	4.091	3.647	3.771	3.836	31695	29125
2	N	4.288	4.352	3.507	4.049	3876	3414
2	N	3.778	3.387	3.578	3.581	2773	2106
2	N	6.466	5.121	5.423	5.670	12210	11845
2	N	4.092	4.122	4.017	4.077	22057	23075
2	Y	4.093	4.309	4.003	4.135	35121	36098
2	Y	4.764	4.649	4.580	4.664	45237	44440
2	N	5.209	5.056	4.098	4.788	3693	3476
2	N	3.579	4.123	3.662	3.788	1447	1381
2	N	3.723	4.679	3.710	4.037	7140	6525
2	N	3.647	4.063	3.782	3.831	2949	2682
2	N	3.854	3.282	3.151	3.429	20874	19320
2	N	4.884	5.393	6.199	5.492	4088	2803
2	Y	4.016	3.952	4.053	4.007	47386	47869
2	N	3.517	3.770	3.272	3.520	18086	18120
2	Y	5.150	5.308	5.332	5.263	88215	86021
2	N	4.207	4.570	4.412	4.396	10719	10335
2	Y	6.193	6.418	4.922	5.844	36441	36974
2	N	4.602	4.580	4.479	4.554	9928	10225
2	N	4.079	4.126	4.037	4.081	4127	3632
2	N	3.724	4.085	3.751	3.853	8135	7523
2	N	4.973	4.811	4.362	4.715	9060	8822
2	N	4.179	3.915	4.308	4.134	4839	4818
2	N	5.054	4.329	4.721	4.701	5246	5048
2	N	3.082	3.452	3.672	3.402	2746	2223
2	N	3.871	3.254	0.000	3.563	552	388
2	N	3.872	3.122	3.500	3.498	1917	1868
2	N	4.406	4.678	4.286	4.457	8246	7795
2	N	4.160	5.362	3.693	4.405	1766	1429
2	N	4.162	4.533	4.317	4.337	3244	2546
2	N	4.953	5.003	4.800	4.919	9861	7929
2	N	3.569	3.934	3.994	3.832	6310	6379
2	N	5.257	5.389	5.337	5.328	14504	14086
2	N	3.202	3.555	3.742	3.500	7153	6397
2	N	5.020	3.411	2.078	3.503	2785	2378
2	N	4.735	3.025	4.067	3.942	1827	1534
2	N	5.091	0.000	0.000	5.091	379	()

2	N	4.187	3.705	4.127	4.006	789	485
2	N	5.408	4.565	3.500	4.491	2117	1272
2	N	4.531	4.711	3.622	4.288	21568	21557
2	N	6.239	5.970	5.862	6.024	9418	8301
2	N	4.014	3.898	3.207	3.706	12863	11802
2	N	3.627	0.000	0.000	3.627	447	214
2	N	5.982	6.093	2.818	4.964	931	567
2	N	5.744	3.720	0.000	4.732	258	101
2	N	5.902	5.972	4.743	5.539	1484	978
2	N	6.688	6.702	3.678	5.689	1125	907
2	N	4.520	4.550	4.415	4.495	1024	797
2	N	4.938	5.594	4.764	5.099	864	654
2	N	6.362	6.979	4.339	5.893	1105	746
2	N	5.533	5.677	3.812	5.007	1168	813
2	N	5.025	5.191	5.674	5.297	4232	3779
2	N	5.937	5.959	5.607	5.834	10728	9386
2	N	4.518	4.852	4.377	4.582	7175	6596
2	N	3.479	3.757	3.443	3.560	3262	2902
2	N	3.568	3.480	3.364	3.471	2899	2430
2	N	3.486	3.000	4.281	3.589	871	717
2	Y	5.739	5.694	5.457	5.630	40455	32622
2	N	4.984	5.000	5.806	5.263	1867	1296
2	N	3.909	3.383	3.215	3.502	11509	11057
2	N	5.231	3.349	2.435	3.672	862	576
2	N	4.345	4.074	3.630	4.016	16540	14127
2	N	5.398	3.618	3.823	4.280	1460	898
2	Y	3.292	3.556	3.352	3.400	35878	34892
2	N	6.079	5.896	5.796	5.924	2497	2200
2	N	5.750	2.273	2.308	3.444	557	472
2	N	5.381	0.000	0.000	5.381	826	0
2	N	2.439	2.828	5.234	3.500	1106	989
2	N	3.099	4.329	3.063	3.497	3503	3361
2	N	3.517	3.565	3.174	3.419	1483	1186
2	N	4.357	4.397	4.282	4.345	23769	23766
2	N	6.701	6.630	4.876	6.069	5337	4676
2	N	5.491	5.296	4.621	5.136	22568	21704
2	N	5.825	3.143	1.300	3.423	684	314
2	N	3.888	4.082	3.793	3.921	6425	5238
2	N	4.997	4.290	3.893	4.393	9728	9482
2	N	4.321	3.981	3.931	4.078	3754	3401
2	N	5.371	6.030	5.249	5.550	25665	24891
2	Y	4.687	4.789	4.473	4.650	49012	46408
2	N	3.695	3.526	3.842	3.688	8637	8319
2	N	3.933	4.024	3.441	3.799	14517	14202
2	N	3.991	4.409	5.775	4.725	2007	1587
2	N	3.893	3.551	3.371	3.605	2225	1716
2	N	4.398	5.435	4.968	4.934	1531	1445
2	N	4.344	4.634	0.000	4.489	2362	2114
2	N	4.693	4.172	0.000	4.433	992	261
2	N	4.246	4.714	2.781	3.914	1688	1716
2	N	5.012	4.718	4.212	4.647		

2	N	4.194	3.788	4.422	4.135	6284	5521
2	N	4.103	3.676	3.561	3.780	22332	21318
2	N	3.926	3.318	3.349	3.531	8686	7353
2	N	4.236	3.460	3.109	3.602	10073	8825
2	N	5.368	4.209	5.022	4.866	2305	2248
2	Y	6.341	5.996	5.561	5.966	46643	44847
2	N	4.343	3.990	4.074	4.136	8896	8043
2	N	4.138	5.008	4.728	4.625	916	746
2	N	3.127	3.874	3.622	3.541	2535	2158
2	N	4.105	4.042	4.040	4.062	1642	1148
2	N	3.462	0.000	0.000	3.462	1163	0
2	N	5.365	4.719	1.927	4.004	969	727
2	N	6.250	5.867	3.760	5.292	999	1005
2	N	4.236	4.136	4.045	4.139	10005	8682
2	N	4.458	4.174	4.240	4.291	12453	11137
2	N	4.724	4.379	3.681	4.261	2922	2718
2	N	5.479	2.971	0.000	4.225	407	120
2	N	5.171	5.000	5.814	5.328	3049	3165
2	N	3.962	5.083	5.250	4.765	1666	1631
2	N	3.143	3.956	3.104	3.401	6107	6666
2	N	4.318	4.312	3.788	4.139	1563	1393
2	N	3.214	3.695	3.202	3.370	2783	2907
2	N	5.402	4.475	4.342	4.740	11511	10000
2	N	5.967	6.143	5.705	5.938	1961	1608
2	N	4.203	0.000	0.000	4.203	512	0
2	N	3.172	4.352	4.750	4.091	348	422
2	N	5.083	4.200	1.493	3.592	588	395
2	N	4.146	3.273	3.224	3.548	1749	1126
2	N	3.776	3.005	3.357	3.379	2410	1914
2	N	3.862	0.000	0.000	3.862	1210	0
2	N	4.451	3.803	3.501	3.918	15722	16432
2	N	3.852	4.438	3.277	3.856	3703	3297
2	N	3.359	3.364	3.846	3.523	13666	12880
2	N	4.814	4.443	3.814	4.357	11199	9926
2	Y	3.498	3.816	3.641	3.652	26904	26595
2	N	4.367	4.121	5.129	4.539	2181	2119
2	N	4.298	4.690	4.961	4.650	4074	3341
2	N	3.616	3.298	3.377	3.430	24546	20440
2	Y	3.042	3.539	3.765	3.449	26048	25469
2	N	5.564	3.582	1.691	3.449	782	609
2	N	4.375	3.896	0.000	4.136	550	489
3	N	2.478	2.460	1.990	2.309	4646	4406
3	N	2.338	1.867	2.571	2.259	6785	5422
3	N N	3.007	2.456	1.927	2.463	3556	3545
3	N N		2.430	2.099			5485
3		2.324			2.247	5583	
	N	2.265	2.739	2.274	2.426	3584	3416
3	N	2.441	2.138	0.000	2.290	4035	3875
3	N N	2.810	2.455	1.602	2.289	975	568
3	N	3.221	3.690	3.014	3.308	933	846
3	N	3.406	3.094	2.364	2.955	317	327
3	N	3.131	3.052	1.910	2.698	5043	4405

3	N	1.705	2.622	0.000	2.164	326	351
3	N	2.683	2.392	2.400	2.492	1690	1489
3	N	2.407	2.363	2.140	2.303	2182	2239
3	N	2.289	2.137	2.092	2.173	3010	2934
3	N	3.392	3.166	3.175	3.244	11624	11358
3	N	3.515	2.808	3.111	3.145	1039	846
3	N	2.875	3.220	2.244	2.780	1839	1839
3	N	2.473	2.715	2.629	2.606	9097	9429
3	N	2.610	2.126	1.949	2.228	4616	4740
3	N	3.036	3.122	3.102	3.087	7615	7748
3	N	3.013	2.678	1.907	2.533	3464	3349
3	N	2.737	2.220	2.283	2.413	2263	2166
3	N	3.481	3.164	2.182	2.942	2684	2394
3	N	3.296	2.745	2.338	2.793	15962	14463
3	N	3.278	3.453	2.917	3.216	32468	31602
3	N	3.833	3.102	2.628	3.188	18083	17315
3	N	3.058	3.272	3.661	3.330	18008	17691
3	N	2.172	2.172	2.130	2.158	2366	2646
3	N	2.951	2.940	2.470	2.787	26991	24743
3	N	2.363	2.605	2.337	2.435	15051	15354
3	N	2.795	2.450	2.183	2.476	15931	14051
3	N	2.963	1.815	2.754	2.511	1130	759
3	N	2.855	2.178	2.315	2.449	6313	5868
3	N	3.083	2.590	2.214	2.629	19549	18093
3	N	2.457	2.353	2.221	2.344	5395	5410
3	N	2.947	2.621	2.353	2.640	4387	3928
3	N	2.919	2.454	2.342	2.572	2799	2582
3	N	2.453	2.305	1.985	2.248	5568	5576
3	N	3.644	2.689	2.022	2.785	26933	25835
3	N	2.230	2.358	2.357	2.315	3044	3065
3	N	2.582	2.341	1.929	2.284	3891	3156
3	N	2.497	2.161	2.201	2.286	2101	1776
3	N	2.657	2.834	2.786	2.759	11834	12149
3	N	2.493	2.325	2.342	2.387	3322	3087
3	N	3.859	3.242	2.984	3.362	17277	16969
3	N	2.558	2.527	1.806	2.297	8253	8029
3	N	3.312	2.626	1.756	2.565	3626	3504
3	N	2.608	2.503	2.296	2.469	7547	7195
3	N	2.713	2.398	1.832	2.314	781	695
3	N	2.253	2.318	2.573	2.381	3514	3313
3	N	2.813	2.525	2.887	2.742	1798	1606
3	N	2.336	0.000	0.000	2.336	586	0
3	N	3.220	3.171	2.626	3.006	13601	12507
3	N	2.874	2.596	2.883	2.784	7468	7322
3	N	2.854	2.568	2.389	2.604	2447	2301
3	N	2.480	3.128	1.992	2.533	1514	1628
3	N	3.134	2.757	3.589	3.160	1139	972
3	N	2.904	3.066	2.088	2.686	1655	1329
3	N	3.506	2.253	2.273	2.677	862	758
3	N	2.816	3.000	3.547	3.121	964	925
3	N	2.650	2.531	2.604	2.595	25857	21446
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3	N	2.822	3.075	2.662	2.853	17468	14377
3	N	2.266	2.170	1.908	2.115	1265	1019
3	N	1.919	2.836	2.217	2.324	1177	1148
3	N	3.437	3.101	2.666	3.068	11368	10915
3	N	2.865	2.704	2.751	2.773	14121	13521
3	N	2.901	2.749	2.555	2.735	2626	2508
3	N	2.736	3.087	2.709	2.844	4017	2923
3	N	2.724	2.661	2.673	2.686		426
3	N	2.550	2.536	2.021	2.369	2074	
3	N	2.840	2.762	2.419	2.674	1155	801
3	N	2.661	0.000	0.000	2.661	192	0
3	N	2.303	0.000	0.000		1225	
3	N	2.109	2.784	1.903	2.265	566	
3	N	2.744	2.850	2.987	2.860	1861	1362
3	N	2.998	3.400	3.000	3.133	9153	10044
3	N	2.733	2.714	1.453	2.300	1881	1996
3	N	2.547	2.441		2.432		3868
3	N	2.973	2.929	2.641	2.848	4721	4286
3	N	2.463	2.494	2.218	2.392		56644
3	N	2.403	2.281	1.943	2.136		7571
3	N	3.000	0.000		3.000	94	23
3	N	2.087	2.155	0.000	2.121	1595	1679
3	N	3.827	2.920	2.948	3.232	11136	10164
3	N	3.246	3.128	2.681	3.232	8235	7646
3	N N	2.442	2.278	2.229	2.316	3390	3251
3	N			2.339		12904	11287
3		3.446	2.764		2.850		
3	N N	2.917	2.859	2.689	2.822	12965 6062	12084
3	N N	2.105 2.547	2.366	1.773	2.081 2.379		6011
3		2.900	2.126	2.463			4342
3	N		3.277	2.545	2.907	2685	2463
3	N	2.322	2.737	2.435	2.498	6313	6653
	N	2.293	2.828	3.026	2.716		3594
3	N	2.711				4012	3265
3	N	2.654	2.740	2.568	2.654	5720	5533
3	N	2.768	2.471	1.425	2.221	1287	1208
3	N	3.126	3.005	3.889	3.340	2652	2474
3	N	3.471	2.769	1.673	2.638	1700	1612
3	N	2.770	0.000	0.000	2.770	504	0
3	N	2.515	2.453	1.856	2.275	1339	1196
3	N	2.741	0.000	0.000	2.741	85	19
3	N	2.561	2.222	0.000	2.392	460	368
3	N	2.363	2.248	1.755	2.122	4982	4926
3	N	2.765	0.000	0.000	2.765	949	0
3	N	3.464	3.686	2.808	3.319	6567	6070
3	N	3.280	3.847	2.306	3.144	747	617
3	N	3.535	3.041	2.534	3.037	4148	3359
3	N	2.473	2.375	2.043	2.297	919	520
3	N	3.031	3.041	1.896	2.656	3872	3277
3	N	3.232	3.150	2.825	3.069	1781	1100
3	N	2.677	2.212	2.436	2.442	2757	2595
3	N	2.692	2.387	2.373	2.484	4288	3204

3	N	2.568	2.145	2.275	2.329	1055	928
3	N	2.065	2.427	0.000	2.246	1021	975
3	N	2.505	2.357	1.858	2.240	1642	1659
3	N	2.535	2.960	2.601	2.699	9784	9437
3	N	1.764	2.724	0.000	2.244	492	513
3	N	3.107	2.377	1.402	2.295	1849	1668
3	N	3.000	1.647	0.000	2.324	364	239
3	N	3.201	3.398	3.370	3.323		10244
3	N	3.009	2.853	2.599	2.820	11268	10655
3	N	3.910	2.905	2.514	3.110	2607	2273
3	N	2.396	2.364	2.270	2.343	4714	4338
3	N	3.304	3.206	3.181	3.230	4611	4406
3	N	2.452	1.782	2.408	2.214	1111	1003
3	N	3.005	2.889	2.548	2.814	3564	3384
3	N	2.349	2.547	2.317	2.404	1747	1962
3	N	3.122	2.972	2.468	2.854		8590
3	N	3.274	3.203	2.878	3.118	3609	2872
3	N	2.846	2.184	1.561	2.197	1730	1585
3	N	2.920	2.756	2.148	2.608	5416	4806
3	N	2.958	2.418	1.442	2.273		625
3	N	2.597	3.533	2.077	2.736		913
3	N	3.250	3.064	3.261	3.192	5899	5502
3	N	2.373	2.237	1.995	2.202	2000	1157
3	N	2.690	0.000	0.000	2.690	91	1
3	N N	2.197	1.974	2.222		1796	1496
3					2.131		
3	N	4.051	3.132	2.913	3.365	1608	1294
3	N	2.263	0.000	0.000	2.263	146	0
3	N	2.438	2.293	2.059	2.263	2022	1717
	N	2.418	1.963	2.039	2.140	2567	2660
3	N	2.582	2.530	2.345	2.486	4524	4307
3	N	3.635	3.470	2.768	3.291	5413	5399
3	N	2.369	2.327	2.262	2.319	3947	3954
3	N	3.392		1.478			177
3	N	4.058	2.749	3.123	3.310	4205	3531
3	N	2.625	3.241	4.058	3.308	1120	1058
3	N	3.308	3.038	2.333	2.893	1102	1083
3	N	1.978	2.495	2.653	2.375	692	575
3	N	2.498	2.596	2.962	2.685	4596	4166
3	N	2.250	2.455	0.000	2.353	811	696
3	N	3.231	3.571	2.826	3.209	581	517
3	N	3.151	3.497	3.378	3.342	1795	1555
3	N	2.660	2.915	2.504		1604	
3	N	2.665	2.958	3.318	2.980	1803	1703
3	N	3.452	2.913	2.526	2.964	1261	1158
3	N	2.491	2.276	1.766	2.178	1552	1481
3	N	2.490	2.958	0.000	2.724	1756	1597
3	N	2.215	2.494	2.013	2.241	1783	1650
3	N	3.574	3.744	2.599	3.306	1534	1332
3	N	2.697	2.475	2.650	2.607		1368
3	N	2.500	2.619		2.544	1154	1050
3	N	3.404	2.649	2.308	2.787	1024	812

3	N	3.123	2.214	2.169	2.502	4613	4193
3	N	1.727	2.629	2.307	2.221	584	599
3	N	2.204	3.471	3.553	3.076	1455	1213
3	N	2.578	3.142	2.641	2.787	2755	2634
3	N	2.926	2.526	1.893	2.448	2274	1919
3	N	2.741	2.227	1.886	2.285	4524	4806
3	N	3.290	2.833	3.155	3.093	3751	3063
3	N	3.019	2.561	2.433	2.671	7328	6484
3	N	2.321	1.964	2.922	2.402	1716	1527
3	N	2.667	2.817	2.966	2.817	1705	1640
3	N	2.620	2.127	0.000	2.374	1478	1072
3							
	N	2.762	3.149	3.087	2.999	2394	2300
3	N	2.871	3.172	2.970	3.004	8339	7943
3	N	2.451	2.139	2.448	2.346	4122	3770
3	N	2.972	2.577	1.982	2.510	2528	2296
3	N	2.536	2.615	2.621	2.591	11912	12568
3	N	3.304	0.000	0.000	3.304	136	()
3	N	2.209	2.110	2.140	2.153	1909	1984
3	N	2.544	2.641	0.000	2.593	993	852
3	N	2.101	1.989	2.721	2.270	788	734
3	N	2.091	2.182	2.057	2.110	2484	2417
3	N	2.745	3.406	2.709	2.953	1255	1219
3	N	2.564	2.491	2.065	2.373	4458	4145
3	N	3.562	2.121	2.123	2.602	2221	2192
3	N	2.365	2.360	1.900	2.208	4980	4393
3	N	2.610	2.302	2.095	2.336	3612	2699
3	N	2.479	2.405	2.377	2.420	4586	4050
3	N	2.747	2.852	2.809	2.803	2514	2229
3	N	2.397	2.181	2.011	2.196	8977	7953
3	N	2.511	2.361	2.221	2.364	1615	1256
3	N	2.643	2.784	2.701	2.709	4971	4800
3	N	2.605	2.866	2.309	2.593	4839	4766
3	N	3.072	2.686	2.326		8906	7853
3	N	2.743	2.497	2.177	2.472	5510	5181
3	N	3.718	2.572	1.727	2.672	3636	3314
3	N	2.345	2.237	2.163	2.248	3259	3068
3	N	3.706	3.398	2.105	3.363	3603	3240
3	N	2.510	2.732	2.580	2.607	4437	3632
3	N	2.866	1.899	2.098	2.288	1617	1239
3	N	3.151	3.344	2.611	3.035	5741	4836
3	N	2.608		3.127	3.128	4609	4388
			3.650				
3	N	2.585	2.787	2.376	2.583	26490	27204
3	N	2.313	2.176	1.910	2.133	2083	1628
3	N	2.645	2.339	1.915	2.300	4647	3899
3	N	2.919	3.007	2.159	2.695	5299	5116
3	N	3.080	2.433	1.875	2.463	2269	2048
3	N	1.956	2.396	2.021	2.124	4234	3904
3	N	2.358	1.711	2.507	2.192	869	846
3	N	1.140	2.683	2.652	2.158	632	610
3	N	2.064	1.954	2.535	2.184	815	620
3	N	2.635	2.202	1.979	2.272	3653	3153

3	N	2.256	2.195	2.027	2.159	19216	18123
3	N	2.713	2.266	2.035	2.338	1755	1488
3	N	3.239	3.259	2.951	3.150	2503	2160
3	N	2.574	0.000	0.000	2.574	126	0
3	N	2.538	2.579	2.651	2.589	7613	7183
3	N	3.342	3.283	2.879	3.168	5232	5003
3	N	3.106	3.203	3.147	3.152	6524	6393
3	N	2.304	2.376	2.296	2.325	1413	1284
3	N	3.168	2.910	3.014	3.031	3027	2684
3	N	3.215		2.815	3.168	2404	2109
			3.475				
3	N	3.345	0.000	0.000	3.345	986	0
3	N	3.076	3.069	0.000	3.073	1088	640
3	N	2.496	3.073	0.000	2.785	868	824
3	N	2.407	3.080	2.725	2.737	533	533
3	N	2.493	2.296	1.988	2.259	1582	1222
3	N	2.857	0.000	0.000	2.857	936	()
3	N	4.214	2.979	2.111	3.101	1643	1054
3	N	1.974	2.064	2.294	2.111	3487	3054
3	N	2.189	2.052	2.247	2.163	717	561
3	N	1.896	2.442	2.914	2.417	714	396
3	N	4.722	2.111	1.075	2.636	270	201
3	N	2.372	2.109	2.129	2.203	1507	1404
3	N	2.576	2.743	2.295	2.538	4011	3351
3	N	2.614	0.000	0.000	2.614	1360	0
3	N	2.558	2.293	2.526	2.459	1541	1609
3	N	2.732	2.654	2.562	2.649	7283	7257
3	N	2.669	2.229	2.117	2.338	2364	2070
3	N	3.090	2.203	3.338	2.877	2871	2596
3			2.203		3.089		
3	N	3.733		2.614		17567	14721
	N	2.505	2.394	1.947	2.282	3380	2953
3	N	2.283	2.603	2.007	2.298	5411	5050
3	N	2.786	3.081	2.358	2.742	5907	5695
3	N	3.582	3.249	3.004	3.278	6503	5819
3	N	3.462	3.652	2.966	3.360	6913	6581
3	N	2.456	3.200	0.000	2.828	1935	1495
3	N	2.407	2.713	2.554	2.558	3850	3530
3	N	2.177	2.333	2.062	2.191	6281	6700
3	N	2.851	2.470	2.423	2.581	1575	1397
3	N	1.869	2.333	2.180	2.127	499	498
3	N	2.878	3.103	3.347	3.109	1484	1265
3	N	2.686	2.715	2.254	2.552	3858	3799
3	N	2.550	3.061	2.901	2.837	3852	3740
3	N	2.961	3.322	3.034	3.106	10473	10773
3	N	2.496	2.080	2.045	2.207	1590	1406
3	N	2.426	3.146	2.951	2.841	3135	2860
3	N	2.417	2.934	2.489	2.613	1602	1475
3	N	3.586	3.461	2.886	3.311	2147	1829
3	N	2.988	2.793	2.741	2.841	3684	3539
3	N	3.181	2.524	2.347	2.684	766	635
3	N	2.906	2.858	2.628	2.797	4092	3744
3	N	2.613	2.649	2.364	2.542	1579	1348
J	1.4	2.013	2.07)	4.504	4.574	1017	1370

3	N	2.485	0.000	0.000	2.485	465	()
3	N	2.768	2.834	2.989	2.864	6334	6261
3	N	2.290	2.052	1.950	2.097	1686	1602
3	N	3.223	2.792	2.407	2.807	1328	922
3	N	3.202	2.403	1.831	2.479	2438	1976
3	N	2.542	2.131	2.160	2.278	4633	4471
3	N	3.345	2.928	3.262	3.178	2240	2288
3	N	2.223	2.465	2.150	2.279	3642	3253
3	N	3.403	3.181	3.290	3.291	6468	6450
3	N	2.214	2.157	2.066	2.146	3705	3104
3	N	3.032	3.067	2.338	2.812	4769	4232
3	N	2.627	0.000	0.000	2.627	837	0
3	N	3.469	3.121	2.878	3.156	9078	7962
3	N	2.025	1.869	3.608	2.501	2089	1984
3	N	2.797	2.392	2.269	2.486	5500	5646
3	N	1.895	2.202	2.460	2.186	1099	1053
3	N	1.981	2.128	2.197	2.102	4825	4760
3	N	2.640	2.158	1.621	2.140	1353	1046
3	N	2.412	2.339	2.713	2.488	1417	1386
3	N	2.727	2.276	2.059	2.354	2499	2151
3	N	2.167	2.210	2.250	2.209	1237	948
3	N	2.793	2.574	3.030	2.799	1748	1592
3	N	3.126	2.754	1.579	2.486	2409	1728
3	N	2.802	3.486	2.524	2.937	2026	1767
3	N	3.030	1.979	0.000	2.505	1235	1019
3	N	1.910	2.310	2.115	2.112	2137	1890
3	N	2.447	2.234	2.295	2.325	7320	7004
3	N	2.186	3.984	2.000	2.723	419	257
3	N	2.962	3.061	2.408	2.810	20173	19287
3	N	3.045	2.264	2.205	2.505	4256	3239
3	N	2.871	2.000	1.917	2.263	289	115
3	N	2.548	2.304	2.240	2.364	4784	4185
3	N	2.506		2.207	2.270		
3	N	4.017	2.476	1.318	2.604	1561	1458
3	N	2.412	2.375	2.523	2.437	3150	2671
3	N	2.371	0.000	0.000	2.371	210	0
3	N	3.072	3.396	2.806	3.091	1670	1743
3	N	3.325	2.910	2.387	2.874	6455	5798
3	N	2.362	2.162	2.276	2.267	3782	3466
3	N	3.128	2.868	3.011	3.002	8253	7039
3	N	2.981	2.256	2.062	2.433		5193
3	N	2.134	2.063	2.547	2.248		5706
3	N	2.344	2.396	2.327	2.356	3914	3567
3	N	3.048	2.625	2.835	2.836	1128	849
3	N	3.167	2.957	0.543	2.222	414	399
3	N	2.432	1.924	2.000	2.119	1459	850
3	N	2.501	2.970	3.084	2.852	4917	4506
3	N	3.427	3.313	2.487	3.076	31317	33716
3	N	2.655	2.196	1.868	2.240	16267	14823
3	N	2.261	2.217	2.366	2.240	3379	3159
3	N	3.254	3.691		3.337	2709	2510
J	1.1	3.234	3.071	5.007	5.557	2709	4310

3	N	2.278	2.152	1.867	2.099	873	850
3	N	2.826	2.290	2.023	2.380	5899	5960
3	N	2.745	2.508	2.497	2.583	9209	8349
3	N	1.753	2.580	2.120	2.151	1499	1557
3	N	2.590	2.641	3.139	2.790	1799	1653
3	N	2.777	2.500	2.935	2.737	19018	17474
3	N	2.956	2.896	2.565	2.806	11860	11489
3	N	2.207	2.775	2.938	2.640	5501	5523
3	N	3.583	3.248	2.886	3.239	2386	2124
3	N	2.333	2.342	2.426	2.367	9440	9411
3	N	3.549	3.193	2.678	3.140	7155	6917
3	N	3.442	3.134	2.993	3.190	5131	4810
3	N	3.124	3.320	3.468	3.304	4090	3697
3	N	3.458	3.142	3.496	3.365	12340	11772
3	N	3.713	2.973	2.500	3.062	2173	1756
3	N	2.265	2.487	2.097	2.283	2265	1986
3	N	2.885	2.771	2.030	2.562	1879	1721
3	N	2.860	2.791	2.636	2.762	9991	9940
3	N	2.953	2.727	3.369	3.016	7898	7056
3	N	3.057	2.722	3.371	3.050	939	1060
3	N	2.902	2.682	2.392	2.659	2571	2228
3	N	3.043	3.186	2.956	3.062	8307	7763
3	N	2.322	2.260	2.049	2.210	13747	10923
3	N	2.787	2.276	1.437	2.167	3090	2563
3	N	3.065	2.947	2.580	2.864	10540	9219
3	N	3.344	2.973	2.408	2.908	8598	8437
3	N	2.718	2.196	2.880	2.598	1917	1672
3	N	2.317	2.275	1.673	2.088	6744	6304
3	N	2.909	3.117	2.052	2.693	3766	3557
3	N	2.402	2.311	2.272	2.328	4857	4286
3	N	2.654	2.720	2.876	2.750	9303	8020
3	N	3.260	3.092	3.120	3.157	18524	17739
3	N	2.968	3.141	3.544	3.218	2986	2804
3	N	3.083	4.003	2.932	3.339	7994	7598
3	N	2.391	0.000	0.000	2.391	1953	0
3	N	3.541	3.323	3.087	3.317	6073	5696
3	N	3.012	2.956	2.470	2.813	5192	4966
3	N	1.496	3.163	0.000	2.330	367	313
3	N	2.289	2.637	2.244	2.390	3328	3350
3	N	2.347	2.120	1.947	2.138	11609	10714
3	N	3.060	3.089	2.844	2.998		3207
3	N	3.598	2.691	1.668	2.652		2688
3	N	2.766	2.625	2.402	2.598	3499	3015
3	N	2.770	2.658	2.209	2.546	9376	8199
3	N	2.272	2.190	2.091	2.184		4910
3	N	2.470	2.576	2.831	2.626	7667	7429
3	N	3.221	3.271	2.474	2.989	5173	4912
3	N	3.221	3.225	2.474	3.082	3096	2983
3	N	2.720	2.061	1.735	2.172		2001
3	N	2.720	2.514		2.482		4239
3	N	2.525	2.496		2.462		
J	14	4.141	4.470	1.330	4.140	1117	1207

3	N	3.700	3.252	2.588	3.180	4347	4253
3	N	3.319	2.456	0.000	2.888	494	208
3	N	2.841	3.159	2.920	2.973	8654	8964
3	N	2.903	2.536	2.477	2.639	8127	7095
3	N	2.324	2.359	2.315	2.333	10745	9852
3	N	2.752	2.323	1.856	2.310	5657	4642
3	N	2.336	2.362	2.053	2.250	2887	2857
3	N	2.295	2.092	1.884	2.230	9149	7991
3	N	2.293	3.086	3.268	3.113	13587	13511
3							
	N	2.594	2.124	1.990	2.236	28258	27149
3	N	2.412	2.329	2.530	2.424	875	839
3	N	2.777	2.442	2.359	2.526	1747	1604
3	N	3.112	2.963	2.437	2.837	9974	9382
3	N	2.423	2.681	2.324	2.476	4910	5286
3	N	2.183	2.132	2.102	2.139	6185	6064
3	N	3.623	2.800	2.943	3.122	842	714
3	N	2.906	2.996	2.942	2.948	13857	13521
3	N	2.453	2.629	2.761	2.614	11458	10775
3	N	2.176	2.599	2.408	2.394	2591	2202
3	N	1.489	2.631	4.466	2.862	2064	1787
3	N	2.488	2.049	2.378	2.305	603	494
3	N	2.908	2.540	1.859	2.436	7834	7266
3	N	2.519	2.778	3.011	2.769	1619	1678
3	N	3.500	3.255	2.991	3.249	2414	2219
3	N	2.951	2.118	1.719	2.263	2051	1791
3	N	2.065	2.306	2.093	2.155	5927	5348
3	N	2.502	2.478	2.384	2.455	5343	4985
3	N	3.063	3.037	3.354	3.151	17879	17600
3	N	4.547	3.508	1.429	3.161	2585	1287
3	N	3.407	2.917	2.935	3.086	1001	758
3	N	2.626	2.342	2.334	2.434	19956	18551
3	N	2.895		2.463	2.434	1534	
3			2.792				1473
	N	3.348	3.326	2.971	3.215	2926	2678
3	N	3.022	2.950	3.791	3.254	3613	2525
3	N	2.436	2.429	2.275	2.380	811	807
3	N	2.603	3.539	2.700	2.947	3846	3693
3	N	2.358	2.390	2.561	2.436	4099	3676
3	N	2.560	2.583	2.257	2.467	19174	19220
3	N	2.987	2.908	2.559	2.818	2617	2080
3	N	3.140	2.970	3.455	3.188	5730	5026
3	N	2.586	2.244	2.248	2.359	3958	3417
3	N	3.225	3.449	3.131	3.268	20015	19042
3	N	2.995	2.913	2.473	2.794	2511	1555
3	N	2.319	2.000	1.923	2.081	1062	905
3	N	3.241	3.194	3.554	3.330	13273	12622
3	N	2.790	2.553	2.718	2.687	1049	894
3	N	2.182	2.214	2.040	2.145	2222	2226
3	N	2.597	2.929	2.196	2.574	2700	2566
3	N	2.696	2.181	2.562	2.480	4674	3699
3	N	2.894	3.320	2.537	2.917	9307	9026
3	N	3.767	2.222	1.537	2.509	1214	1048

3	N	2.704	3.871	3.198	3.258	14410	15896
3	N	3.707	3.399	2.864	3.323	20605	18224
3	N	2.061	2.336	2.225	2.207	1779	1657
3	N	3.800	2.727	2.224	2.917	1487	1418
3	N	2.588	2.920	2.647	2.718	10121	9848
3	N	2.324	2.289	2.064	2.226	2400	2028
3	N	2.757	2.801	2.523	2.694	6183	5524
3	N	2.368	2.464	2.955	2.596	1434	1352
3	N	3.075	3.000	2.365	2.813	2708	2587
3	N	2.971	3.132	3.060	3.054	2267	1857
3	N	2.939	2.951	2.896	2.929	7556	6950
3	N	3.202	3.571	3.194	3.322	2809	2739
3	N	3.503	3.611	2.971	3.362	9075	8120
3	N	2.467	3.372	2.951	2.930	815	808
3	N N						0
3		2.661	0.000	0.000	2.661	187	
	N	3.279	3.312	3.260	3.284	3812	3301
3	N	2.287	2.594	2.424	2.435	8311	8123
3	N	2.615	2.874	2.104	2.531	602	484
3	N	3.306	3.568	3.167	3.347	17694	17257
3	N	3.541	3.228	2.975	3.248	5131	4848
3	N	2.722	2.260	1.811	2.264	5729	5205
3	N	3.496	2.989	0.000	3.243	781	548
3	N	3.074	2.913	2.295	2.761	4142	4454
3	N	2.375	1.737	2.203	2.105	1918	1572
3	N	3.054	2.889	3.750	3.231	474	348
3	N	2.508	2.560	1.208	2.092	1539	1311
3	N	2.831	2.631	2.483	2.648	741	593
3	N	2.977	2.932	2.667	2.859	2816	2725
3	N	3.495	3.660	2.860	3.338	2422	2294
3	N	2.036	2.438	2.492	2.322	1426	1521
3	N	2.949	3.201	2.987	3.046	3647	3370
3	N	2.616	2.029	1.759	2.135	4601	4227
3	N	2.144	2.473	2.121	2.246	4063	3791
3	N	2.862	3.398	3.007	3.089	24221	22655
3	N	3.274	2.740	2.444	2.819	2978	2896
3	N	2.918	2.409	3.009	2.779	3807	3257
3	N	2.693	2.733	2.671	2.699	2676	2509
3	N	2.557	2.539	2.129	2.408	3352	2819
3	N	2.631	2.830	2.161	2.541	4529	4579
3	N	2.456	2.419	2.478	2.451	3110	3386
3	N	1.974	2.627	2.361	2.321	3788	3533
3	N	2.619	3.000	0.000	2.810	566	512
3	N	3.443	3.503	2.860	3.269	4006	3589
3	N	2.604	2.280	2.104	2.329	5436	4811
3	N	2.934	2.913	2.852	2.900	6586	6223
3	N	3.366	2.762	1.520	2.549	4347	2071
3	N	2.114	0.000	0.000	2.114	127	0
3	N	3.097	3.280	2.395	2.924	1997	2033
3	N	3.643	3.302	2.817	3.254	5722	5425
3	N	4.222	3.707	1.245	3.058	363	334
3	N	3.123	2.928	2.569	2.873	3905	3397

3	N	2.393	2.125	2.741	2.420	1450	1100
3	N	2.733	2.708	2.300	2.580	3574	3532
3	N	2.195	3.043	2.522	2.587	1142	1115
3	N	2.014	2.523	2.231	2.256	2240	2167
3	N	2.316	2.071	2.081	2.156	7262	6481
3	N	2.406	1.907	2.021	2.111	1995	1519
3	N	2.673	2.324	1.772	2.256	1771	1651
3	N	2.676	2.723	2.454	2.618	2152	2188
3	N	2.134	2.394	2.164	2.231	3159	2447
3	N	2.376	2.330	0.000	2.353	1624	1607
3	N	2.628	2.424	2.314	2.455	979	688
3	N	2.854	3.176	3.086	3.039	9777	9613
3	N	2.425	2.321	1.936	2.227	6126	5383
3	N	2.607	2.604	2.839	2.683	10628	10474
3	N	2.705	2.565	2.368	2.546	8171	7869
3	N	3.027	3.493	3.581	3.367	1760	1589
3	N	2.612	2.808	2.623	2.681	2674	2824
3	N	2.527	2.516	2.475	2.506	2227	1877
3	N	2.967	2.751	2.355	2.691	12333	12306
3	N	2.086	2.751	2.290	2.181	1100	860
3	N	3.929	3.287	1.895	3.037	4154	3836
3	N	2.317	2.402	3.234	2.651	1886	1836
3	N	2.726	2.527	2.012	2.422	4393	4495
3	N	2.720	2.784	2.528	2.698	14793	14405
3	N N	2.781	2.784	2.328	2.098	5568	5492
3	N	3.295	2.806	2.152	2.141	15367	13813
3	N N		2.330				
3	N	2.174 2.767	2.775	1.817 3.238	2.107 2.927	3086 4482	2477 3986
3	N N	2.743	2.773	2.074	2.469	22205	20474
3	N N			1.915	2.409		
3		2.272 3.172	2.271			1156	1080
3	N		2.757 3.253	2.314	2.748	8975	8600
	N	2.491		2.014	2.586	6268	5638
3	N	2.823	2.638		2.754		4721
3	N	3.081	3.069	3.674	3.275	6180	5932
3	N	2.327	2.696	2.257	2.427	1059	1158
3	N	2.373	2.666	2.298	2.446	7059	6929
3	N	3.435	2.638	2.275	2.783	2887	2373
3	N	2.813	2.481	2.068	2.454	6021	5356
3	N	3.780	3.184	1.800	2.921	1382	1299
3	N	2.684	3.150	2.589	2.808	3699	3228
3	N	2.749	2.123	1.858	2.243	4617	3404
3	N	2.024	2.283	2.560	2.289	1368	1222
3	N	2.870	0.000	0.000	2.870	499	0
3	N	2.877	2.640	2.000	2.506	888	829
3	N	2.627	2.483	2.863	2.658	5035	4747
3	N	3.027	2.594	2.117	2.579	1409	1129
3	N	2.376	2.169	2.466	2.337	5392	4773
3	N	2.803	2.554	2.016	2.458	2508	2044
3	N	2.529	2.043	0.000	2.286	358	205
3	N	2.948	3.043	2.599	2.863	7996	7987
3	N	2.747	3.095	2.542	2.795	6723	5932

3 N 2.929 2.786 1.183 2.299 503 314 3 N 4.157 2.153 1.504 2.605 2507 2011 3 N 2.160 2.276 2.422 2.286 4123 4291 3 N 2.077 2.634 2.370 2.360 1487 1184 3 N 2.314 1.951 0.000 2.133 481 196 3 N 2.331 2.338 2.235 2.301 5195 5050 3 N 2.314 1.978 1.415 2.369 1072 831 3 N 2.712 2.513 2.550 2.592 4971 4839 3 N 2.746 2.880 2.207 2.611 1619 1705 3 N 2.746 2.880 2.207 2.611 1619 1705 3 N 2.594 1.770 2.165								
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3 N 2.077 2.634 2.370 2.360 1487 1184 3 N 2.380 2.954 2.840 2.725 3477 3139 3 N 2.314 1.951 0.000 2.133 481 196 3 N 2.331 2.338 2.235 2.301 5195 5050 3 N 2.135 2.035 2.202 2.124 4754 4203 3 N 2.112 2.513 2.550 2.592 4971 4839 3 N 2.712 2.513 2.550 2.592 4971 4839 3 N 2.746 2.880 2.207 2.611 1619 1705 3 N 2.746 2.880 2.207 2.611 1619 1705 3 N 2.506 2.880 2.207 2.611 1619 1705 3 N 2.335 2.264 2.295								
3 N 2.380 2.954 2.840 2.725 3477 3139 3 N 2.314 1.951 0.000 2.133 481 196 3 N 2.331 2.338 2.235 2.301 5195 5050 3 N 2.135 2.203 2.2124 4754 4203 3 N 3.714 1.978 1.415 2.369 1072 831 3 N 2.712 2.513 2.550 2.592 4971 4839 3 N 2.932 3.478 3.088 3.166 4659 4198 3 N 2.946 2.880 2.207 2.611 1619 1705 3 N 2.600 3.188 2.525 2.271 904 855 3 N 2.507 2.345 2.640 2.497 2497 2517 3 N 2.507 2.345 2.640 2.497								
3 N 2.314 1.951 0.000 2.133 481 196 3 N 2.331 2.338 2.235 2.301 5195 5050 3 N 2.135 2.035 2.202 2.124 4754 4203 3 N 2.1712 2.513 2.550 2.592 4971 4839 3 N 2.746 2.880 2.207 2.611 1619 1705 3 N 2.746 2.880 2.207 2.611 1619 1705 3 N 2.500 3.188 2.525 2.771 904 855 3 N 2.504 1.770 2.160 2.175 1718 1544 3 N 2.507 2.345 2.640 2.497 2497 2517 3 N 2.335 2.264 2.295 2.288 22641 1365 3 N 2.335 2.824 1.655								
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3 N 2.135 2.035 2.202 2.124 4754 4203 3 N 3.714 1.978 1.415 2.369 1072 831 3 N 2.712 2.513 2.550 2.592 4971 4839 3 N 2.746 2.880 2.207 2.611 1619 1705 3 N 2.600 3.188 2.525 2.771 904 855 3 N 2.604 1.770 2.160 2.175 1718 1544 3 N 2.594 1.770 2.160 2.175 1718 1544 3 N 2.507 2.345 2.640 2.497 2497 2517 3 N 2.357 2.2824 1.655 2.288 2264 1936 3 N 2.373 3.070 3.192 2.988 2411 2505 3 N 2.275 2.867 1.869								
3 N 3.714 1.978 1.415 2.369 1072 831 3 N 2.712 2.513 2.550 2.592 4971 4839 3 N 2.932 3.478 3.088 3.166 4659 4198 3 N 2.2746 2.880 2.207 2.6111 1619 1705 3 N 2.600 3.188 2.525 2.771 904 855 3 N 2.594 1.770 2.160 2.175 1718 1544 3 N 2.557 2.244 2.295 2.298 2264 1936 3 N 2.307 2.802 1.387 2.165 3421 3571 3 N 2.307 2.802 1.387 2.165 3421 3571 3 N 2.307 2.862 1.387 2.165 3421 3571 3 N 2.753 2.824 1.655								
3 N 2.712 2.513 2.550 2.592 4971 4839 3 N 2.932 3.478 3.088 3.166 4659 4198 3 N 2.746 2.880 2.207 2.6111 1619 1705 3 N 2.600 3.188 2.525 2.771 904 855 3 N 2.594 1.770 2.160 2.175 1718 1544 3 N 2.355 2.264 2.295 2.298 2264 1936 3 N 2.357 2.345 2.640 2.497 2497 2517 3 N 2.307 2.802 1.387 2.165 3421 3571 3 N 2.337 2.824 1.655 2.405 799 571 3 N 2.753 2.824 1.655 2.405 799 571 3 N 2.757 2.867 1.869								
3 N 2.932 3.478 3.088 3.166 4659 4198 3 N 2.746 2.880 2.207 2.611 1619 1705 3 N 2.600 3.188 2.525 2.771 904 855 3 N 2.594 1.770 2.160 2.175 1718 1544 3 N 2.507 2.345 2.640 2.497 2497 2517 3 N 2.507 2.345 2.640 2.497 2497 2517 3 N 2.307 2.802 1.387 2.165 3421 3571 3 N 2.336 2.671 2.606 2.881 1812 1659 3 N 2.735 2.824 1.6655 2.405 799 571 3 N 2.757 2.867 1.869 2.498 1619 1626 3 N 2.528 2.099 1.737								
3 N 2.746 2.880 2.207 2.611 1619 1705 3 N 2.600 3.188 2.525 2.771 904 855 3 N 2.594 1.770 2.160 2.175 1718 1544 3 N 2.335 2.264 2.295 2.298 2264 1936 3 N 2.335 2.264 2.295 2.298 2264 1936 3 N 2.507 2.345 2.606 2.881 1812 1659 3 N 2.366 2.606 2.881 1812 1659 3 N 2.735 2.824 1.655 2.405 799 571 3 N 2.733 3.070 3.192 2.988 2411 2505 3 N 2.757 2.867 1.869 2.498 1619 1626 3 N 2.528 2.099 1.737 2.121								
3 N 2.600 3.188 2.525 2.771 904 855 3 N 2.594 1.770 2.160 2.175 1718 1544 3 N 2.507 2.345 2.640 2.497 2497 2517 3 N 2.507 2.345 2.640 2.497 2497 2517 3 N 2.507 2.802 1.387 2.165 3421 3571 3 N 2.335 2.824 1.655 2.405 799 571 3 N 2.735 2.824 1.655 2.405 799 571 3 N 2.757 2.867 1.869 2.498 1619 1626 3 N 2.757 2.867 1.869 2.498 1619 1626 3 N 2.528 2.099 1.737 2.121 1084 1029 3 N 2.333 3.574 2.477								
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3 N 2.335 2.264 2.295 2.298 2264 1936 3 N 2.507 2.345 2.640 2.497 2497 2517 3 N 2.307 2.802 1.387 2.165 3421 3571 3 N 2.366 2.671 2.606 2.881 1812 1659 3 N 2.735 2.824 1.655 2.405 799 571 3 N 2.737 2.867 1.869 2.498 1619 1626 3 N 2.528 2.099 1.737 2.121 1084 1029 3 N 2.528 2.099 1.737 2.121 1084 1029 3 N 2.528 2.099 1.737 2.121 1084 1029 3 N 2.447 2.154 1.837 2.146 990 812 3 N 2.579 2.863 2.928		N	2.600	3.188	2.525	2.771	904	855
3 N 2.507 2.345 2.640 2.497 2497 2517 3 N 2.307 2.802 1.387 2.165 3421 3571 3 N 2.366 2.671 2.606 2.881 1812 1659 3 N 2.735 2.824 1.655 2.405 799 571 3 N 2.735 2.867 1.869 2.498 2411 2505 3 N 2.757 2.867 1.869 2.498 1619 1626 3 N 2.528 2.099 1.737 2.121 1084 1029 3 N 2.333 3.574 2.477 2.795 1715 1603 3 N 2.351 2.477 2.795 1715 1603 3 N 2.447 2.154 1.837 2.146 99 863 3 N 2.472 2.146 2.494 4.404								
3 N 2.307 2.802 1.387 2.165 3421 3571 3 N 3.366 2.671 2.606 2.881 1812 1659 3 N 2.735 2.824 1.655 2.405 799 571 3 N 2.757 2.867 1.869 2.498 1619 1626 3 N 2.528 2.099 1.737 2.121 1084 1029 3 N 2.528 2.099 1.737 2.121 1084 1029 3 N 2.528 2.099 1.737 2.121 1084 1029 3 N 2.353 3.574 2.477 2.795 1715 1603 3 N 2.357 2.863 2.928 2.790 4440 4677 3 N 2.175 2.571 2.616 2.454 3224 3152 3 N 2.117 2.388 1.760		N						1936
3 N 3.366 2.671 2.606 2.881 1812 1659 3 N 2.735 2.824 1.655 2.405 799 571 3 N 2.703 3.070 3.192 2.988 2411 2505 3 N 2.757 2.867 1.869 2.498 1619 1626 3 N 2.528 2.099 1.737 2.121 1084 1029 3 N 2.538 3.574 2.477 2.795 1715 1603 3 N 2.333 3.574 2.477 2.795 1715 1603 3 N 2.447 2.154 1.837 2.146 990 812 3 N 2.579 2.863 2.928 2.790 4440 4677 3 N 2.175 2.571 2.616 2.454 3224 3152 3 N 2.177 2.388 1.760		N			2.640	2.497		2517
3 N 2.735 2.824 1.655 2.405 799 571 3 N 2.703 3.070 3.192 2.988 2411 2505 3 N 2.757 2.867 1.869 2.498 1619 1626 3 N 2.528 2.099 1.737 2.121 1084 1029 3 N 2.333 3.574 2.477 2.795 1715 1603 3 N 2.351 2.730 3.098 899 863 3 N 2.447 2.154 1.837 2.146 990 812 3 N 2.447 2.154 1.837 2.146 990 812 3 N 2.579 2.863 2.928 2.790 4440 4677 3 N 2.175 2.571 2.616 2.454 3224 3152 3 N 2.177 2.388 1.760 2.088		N	2.307	2.802	1.387	2.165	3421	3571
3 N 2.703 3.070 3.192 2.988 2411 2505 3 N 2.757 2.867 1.869 2.498 1619 1626 3 N 2.528 2.099 1.737 2.121 1084 1029 3 N 2.333 3.574 2.477 2.795 1715 1603 3 N 2.333 3.574 2.477 2.795 1715 1603 3 N 2.447 2.154 1.837 2.146 990 812 3 N 2.447 2.154 1.837 2.146 990 812 3 N 2.579 2.863 2.928 2.790 4440 4677 3 N 2.175 2.571 2.616 2.454 3224 3152 3 N 2.117 2.388 1.760 2.088 1000 958 3 N 2.624 2.793 2.499		N	3.366	2.671	2.606	2.881	1812	1659
3 N 2.757 2.867 1.869 2.498 1619 1626 3 N 2.528 2.099 1.737 2.121 1084 1029 3 N 2.333 3.574 2.477 2.795 1715 1603 3 N 3.051 3.512 2.730 3.098 899 863 3 N 2.447 2.154 1.837 2.146 990 812 3 N 2.447 2.154 1.837 2.146 990 812 3 N 2.579 2.863 2.928 2.790 4440 4677 3 N 2.175 2.571 2.616 2.454 3224 3152 3 N 2.175 2.571 2.616 2.454 3224 3152 3 N 2.117 2.388 1.760 2.088 1000 958 3 N 2.624 2.793 2.499		N	2.735	2.824	1.655	2.405	799	571
3 N 2.528 2.099 1.737 2.121 1084 1029 3 N 2.333 3.574 2.477 2.795 1715 1603 3 N 3.051 3.512 2.730 3.098 899 863 3 N 2.447 2.154 1.837 2.146 990 812 3 N 2.579 2.863 2.928 2.790 4440 4677 3 N 2.175 2.571 2.616 2.454 3224 3152 3 N 2.871 3.394 3.325 3.197 5860 5294 3 N 2.117 2.388 1.760 2.088 1000 958 3 N 2.624 2.793 2.499 2.639 30673 31788 3 N 2.624 2.793 2.499 2.639 30673 31788 3 N 2.902 0.000 0.000	3	N	2.703	3.070	3.192	2.988	2411	2505
3 N 2.333 3.574 2.477 2.795 1715 1603 3 N 3.051 3.512 2.730 3.098 899 863 3 N 2.447 2.154 1.837 2.146 990 812 3 N 2.579 2.863 2.928 2.790 4440 4677 3 N 2.175 2.571 2.616 2.454 3224 3152 3 N 2.871 3.394 3.325 3.197 5860 5294 3 N 2.117 2.388 1.760 2.088 1000 958 3 N 2.624 2.793 2.499 2.639 30673 31788 3 N 2.624 2.793 2.499 2.639 30673 31788 3 N 2.902 0.000 0.000 2.902 2.152 0 3 N 2.912 2.588 2.143		N	2.757	2.867	1.869	2.498	1619	1626
3 N 3.051 3.512 2.730 3.098 899 863 3 N 2.447 2.154 1.837 2.146 990 812 3 N 2.579 2.863 2.928 2.790 4440 4677 3 N 2.175 2.571 2.616 2.454 3224 3152 3 N 2.871 3.394 3.325 3.197 5860 5294 3 N 2.117 2.388 1.760 2.088 1000 958 3 N 2.624 2.793 2.499 2.639 30673 31788 3 N 2.902 0.000 0.000 2.902 2152 0 3 N 2.902 0.000 0.000 2.902 2152 0 3 N 2.902 0.000 0.000 2.902 2152 0 3 N 2.9102 0.000 0.000 <	3	N	2.528	2.099	1.737	2.121	1084	1029
3 N 2.447 2.154 1.837 2.146 990 812 3 N 2.579 2.863 2.928 2.790 4440 4677 3 N 2.175 2.571 2.616 2.454 3224 3152 3 N 2.871 3.394 3.325 3.197 5860 5294 3 N 2.117 2.388 1.760 2.088 1000 958 3 N 3.699 3.163 2.795 3.219 2925 2139 3 N 2.624 2.793 2.499 2.639 30673 31788 3 N 2.902 0.000 0.000 2.902 2152 0 3 N 2.902 0.000 0.000 2.902 2152 0 3 N 2.902 2.588 2.143 2.545 4058 3779 3 N 3.205 2.952 2.531	3	N	2.333	3.574	2.477	2.795	1715	1603
3 N 2.579 2.863 2.928 2.790 4440 4677 3 N 2.175 2.571 2.616 2.454 3224 3152 3 N 2.871 3.394 3.325 3.197 5860 5294 3 N 2.117 2.388 1.760 2.088 1000 958 3 N 3.699 3.163 2.795 3.219 2925 2139 3 N 2.624 2.793 2.499 2.639 30673 31788 3 N 2.902 0.000 0.000 2.902 2152 0 3 N 2.902 0.000 0.000 2.902 2152 0 3 N 2.902 0.000 0.000 2.902 2152 0 3 N 2.902 2.588 2.143 2.545 4058 3779 3 N 2.089 2.422 2.122	3	N	3.051	3.512	2.730	3.098	899	863
3 N 2.175 2.571 2.616 2.454 3224 3152 3 N 2.871 3.394 3.325 3.197 5860 5294 3 N 2.117 2.388 1.760 2.088 1000 958 3 N 3.699 3.163 2.795 3.219 2925 2139 3 N 2.624 2.793 2.499 2.639 30673 31788 3 N 2.902 0.000 0.000 2.902 2152 0 3 N 2.905 2.588 2.143 2.545 4058 3779 3 N 3.089 2.422 2.122 <	3	N	2.447	2.154	1.837	2.146	990	812
3 N 2.871 3.394 3.325 3.197 5860 5294 3 N 2.117 2.388 1.760 2.088 1000 958 3 N 3.699 3.163 2.795 3.219 2925 2139 3 N 2.624 2.793 2.499 2.639 30673 31788 3 N 2.902 0.000 0.000 2.902 2152 0 3 N 2.902 0.000 0.000 2.902 2152 0 3 N 3.118 3.018 3.619 3.252 5486 4800 3 N 2.905 2.588 2.143 2.545 4058 3779 3 N 3.205 2.952 2.531 2.896 975 822 3 N 2.089 2.422 2.122 2.211 2849 2614 3 N 3.603 3.389 3.004	3	N	2.579	2.863	2.928	2.790	4440	4677
3 N 2.117 2.388 1.760 2.088 1000 958 3 N 3.699 3.163 2.795 3.219 2925 2139 3 N 2.624 2.793 2.499 2.639 30673 31788 3 N 2.902 0.000 0.000 2.902 2152 0 3 N 2.905 2.588 2.143 2.545 4058 3779 3 N 3.205 2.952 2.531 2.896 975 822 3 N 2.089 2.422 2.122 2.211 2849 2614 3 N 3.603 3.389 3.004 <td< th=""><th>3</th><th>N</th><th>2.175</th><th>2.571</th><th>2.616</th><th>2.454</th><th>3224</th><th>3152</th></td<>	3	N	2.175	2.571	2.616	2.454	3224	3152
3 N 3.699 3.163 2.795 3.219 2925 2139 3 N 2.624 2.793 2.499 2.639 30673 31788 3 N 2.902 0.000 0.000 2.902 2152 0 3 N 2.902 0.000 0.000 2.902 2152 0 3 N 3.118 3.018 3.619 3.252 5486 4800 3 N 2.905 2.588 2.143 2.545 4058 3779 3 N 2.905 2.588 2.143 2.545 4058 3779 3 N 3.205 2.952 2.531 2.896 975 822 3 N 2.089 2.422 2.122 2.211 2849 2614 3 N 3.603 3.389 3.004 3.332 15256 15082 3 N 2.347 2.800 3.776	3	N	2.871	3.394	3.325	3.197	5860	5294
3 N 2.624 2.793 2.499 2.639 30673 31788 3 N 2.902 0.000 0.000 2.902 2152 0 3 N 3.118 3.018 3.619 3.252 5486 4800 3 N 2.905 2.588 2.143 2.545 4058 3779 3 N 2.905 2.588 2.143 2.545 4058 3779 3 N 3.205 2.952 2.531 2.896 975 822 3 N 2.089 2.422 2.122 2.211 2849 2614 3 N 3.307 3.231 2.242 2.927 11660 10753 3 N 3.603 3.389 3.004 3.332 15256 15082 3 N 2.347 2.800 3.776 2.974 3478 3406 3 N 2.557 2.577 2.524 <th>3</th> <th>N</th> <th>2.117</th> <th>2.388</th> <th>1.760</th> <th>2.088</th> <th>1000</th> <th>958</th>	3	N	2.117	2.388	1.760	2.088	1000	958
3 N 2.902 0.000 0.000 2.902 2152 0 3 N 3.118 3.018 3.619 3.252 5486 4800 3 N 2.905 2.588 2.143 2.545 4058 3779 3 N 3.205 2.952 2.531 2.896 975 822 3 N 2.089 2.422 2.122 2.211 2849 2614 3 N 3.307 3.231 2.242 2.927 11660 10753 3 N 3.603 3.389 3.004 3.332 15256 15082 3 N 2.347 2.800 3.776 2.974 3478 3406 3 N 2.557 2.577 2.524 2.553 4857 4928 3 N 2.023 1.951 2.362 2.112 1037 1009 3 N 2.429 2.410 2.392	3	N	3.699	3.163	2.795	3.219	2925	2139
3 N 3.118 3.018 3.619 3.252 5486 4800 3 N 2.905 2.588 2.143 2.545 4058 3779 3 N 3.205 2.952 2.531 2.896 975 822 3 N 2.089 2.422 2.122 2.211 2849 2614 3 N 3.307 3.231 2.242 2.927 11660 10753 3 N 3.603 3.389 3.004 3.332 15256 15082 3 N 2.347 2.800 3.776 2.974 3478 3406 3 N 2.557 2.577 2.524 2.553 4857 4928 3 N 2.553 2.062 1.924 2.180 7857 6912 3 N 2.023 1.951 2.362 2.112 1037 1009 3 N 2.429 2.410 2.392 2.410 3299 3160 3 N 2.406 2.449	3	N	2.624	2.793	2.499	2.639	30673	31788
3 N 2.905 2.588 2.143 2.545 4058 3779 3 N 3.205 2.952 2.531 2.896 975 822 3 N 2.089 2.422 2.122 2.211 2849 2614 3 N 3.307 3.231 2.242 2.927 11660 10753 3 N 3.603 3.389 3.004 3.332 15256 15082 3 N 2.347 2.800 3.776 2.974 3478 3406 3 N 2.557 2.577 2.524 2.553 4857 4928 3 N 2.553 2.062 1.924 2.180 7857 6912 3 N 2.023 1.951 2.362 2.112 1037 1009 3 N 2.429 2.410 2.392 2.410 3299 3160 3 N 2.406 2.449 2.038 2.298 5763 5859 3 N 2.300 2.692	3	N	2.902	0.000	0.000	2.902	2152	()
3 N 3.205 2.952 2.531 2.896 975 822 3 N 2.089 2.422 2.122 2.211 2849 2614 3 N 3.307 3.231 2.242 2.927 11660 10753 3 N 3.603 3.389 3.004 3.332 15256 15082 3 N 2.347 2.800 3.776 2.974 3478 3406 3 N 2.557 2.577 2.524 2.553 4857 4928 3 N 2.553 2.062 1.924 2.180 7857 6912 3 N 2.023 1.951 2.362 2.112 1037 1009 3 N 2.429 2.410 2.392 2.410 3299 3160 3 N 2.406 2.449 2.038 2.298 5763 5859 3 N 2.300 2.692 2.765 5187 5028 3 N 2.330 2.076 2.245	3	N	3.118	3.018	3.619	3.252	5486	4800
3 N 2.089 2.422 2.122 2.211 2849 2614 3 N 3.307 3.231 2.242 2.927 11660 10753 3 N 3.603 3.389 3.004 3.332 15256 15082 3 N 2.347 2.800 3.776 2.974 3478 3406 3 N 2.557 2.577 2.524 2.553 4857 4928 3 N 2.553 2.062 1.924 2.180 7857 6912 3 N 2.023 1.951 2.362 2.112 1037 1009 3 N 2.023 1.951 2.362 2.112 1037 1009 3 N 2.429 2.410 2.392 2.410 3299 3160 3 N 2.406 2.449 2.038 2.298 5763 5859 3 N 2.330 2.076 2.245 2.217 3799 3666 3 N 2.352 2.919 <th>3</th> <th>N</th> <th>2.905</th> <th>2.588</th> <th>2.143</th> <th>2.545</th> <th>4058</th> <th>3779</th>	3	N	2.905	2.588	2.143	2.545	4058	3779
3 N 3.307 3.231 2.242 2.927 11660 10753 3 N 3.603 3.389 3.004 3.332 15256 15082 3 N 2.347 2.800 3.776 2.974 3478 3406 3 N 2.557 2.577 2.524 2.553 4857 4928 3 N 2.553 2.062 1.924 2.180 7857 6912 3 N 2.023 1.951 2.362 2.112 1037 1009 3 N 2.429 2.410 2.392 2.410 3299 3160 3 N 2.406 2.449 2.038 2.298 5763 5859 3 N 2.602 3.000 2.692 2.765 5187 5028 3 N 2.330 2.076 2.245 2.217 3799 3666 3 N 3.158 0.000 0.000 3.158 838 0 3 N 2.060 2.473		N	3.205	2.952	2.531	2.896	975	822
3 N 3.603 3.389 3.004 3.332 15256 15082 3 N 2.347 2.800 3.776 2.974 3478 3406 3 N 2.557 2.577 2.524 2.553 4857 4928 3 N 2.553 2.062 1.924 2.180 7857 6912 3 N 2.023 1.951 2.362 2.112 1037 1009 3 N 2.429 2.410 2.392 2.410 3299 3160 3 N 2.406 2.449 2.038 2.298 5763 5859 3 N 2.602 3.000 2.692 2.765 5187 5028 3 N 2.330 2.076 2.245 2.217 3799 3666 3 N 3.158 0.000 0.000 3.158 838 0 3 N 2.060 2.473 2.193 2.242 3390 2954 3 N 3.479 3.249		N	2.089	2.422	2.122	2.211	2849	2614
3 N 2.347 2.800 3.776 2.974 3478 3406 3 N 2.557 2.577 2.524 2.553 4857 4928 3 N 2.553 2.062 1.924 2.180 7857 6912 3 N 2.023 1.951 2.362 2.112 1037 1009 3 N 2.429 2.410 2.392 2.410 3299 3160 3 N 2.406 2.449 2.038 2.298 5763 5859 3 N 2.602 3.000 2.692 2.765 5187 5028 3 N 2.330 2.076 2.245 2.217 3799 3666 3 N 3.158 0.000 0.000 3.158 838 0 3 N 2.060 2.473 2.193 2.242 3390 2954 3 N 3.479 3.249 2.826 3.185 8235 7595 3 N 3.241 2.836		N						10753
3 N 2.557 2.577 2.524 2.553 4857 4928 3 N 2.553 2.062 1.924 2.180 7857 6912 3 N 2.023 1.951 2.362 2.112 1037 1009 3 N 2.429 2.410 2.392 2.410 3299 3160 3 N 2.406 2.449 2.038 2.298 5763 5859 3 N 2.602 3.000 2.692 2.765 5187 5028 3 N 2.330 2.076 2.245 2.217 3799 3666 3 N 3.158 0.000 0.000 3.158 838 0 3 N 2.060 2.473 2.193 2.242 3390 2954 3 N 3.479 3.249 2.826 3.185 8235 7595 3 N 3.241 2.836 2.919 2.999 10242 9288				3.389		3.332	15256	15082
3 N 2.553 2.062 1.924 2.180 7857 6912 3 N 2.023 1.951 2.362 2.112 1037 1009 3 N 2.429 2.410 2.392 2.410 3299 3160 3 N 2.406 2.449 2.038 2.298 5763 5859 3 N 2.602 3.000 2.692 2.765 5187 5028 3 N 2.330 2.076 2.245 2.217 3799 3666 3 N 3.158 0.000 0.000 3.158 838 0 3 N 2.060 2.473 2.193 2.242 3390 2954 3 N 3.479 3.249 2.826 3.185 8235 7595 3 N 3.241 2.836 2.919 2.999 10242 9288		N	2.347	2.800	3.776	2.974	3478	3406
3 N 2.023 1.951 2.362 2.112 1037 1009 3 N 2.429 2.410 2.392 2.410 3299 3160 3 N 2.406 2.449 2.038 2.298 5763 5859 3 N 2.602 3.000 2.692 2.765 5187 5028 3 N 2.330 2.076 2.245 2.217 3799 3666 3 N 3.158 0.000 0.000 3.158 838 0 3 N 2.060 2.473 2.193 2.242 3390 2954 3 N 3.479 3.249 2.826 3.185 8235 7595 3 N 3.241 2.836 2.919 2.999 10242 9288		N			2.524		4857	
3 N 2.429 2.410 2.392 2.410 3299 3160 3 N 2.406 2.449 2.038 2.298 5763 5859 3 N 2.602 3.000 2.692 2.765 5187 5028 3 N 2.330 2.076 2.245 2.217 3799 3666 3 N 3.158 0.000 0.000 3.158 838 0 3 N 2.060 2.473 2.193 2.242 3390 2954 3 N 3.479 3.249 2.826 3.185 8235 7595 3 N 3.241 2.836 2.919 2.999 10242 9288		N	2.553					6912
3 N 2.406 2.449 2.038 2.298 5763 5859 3 N 2.602 3.000 2.692 2.765 5187 5028 3 N 2.330 2.076 2.245 2.217 3799 3666 3 N 3.158 0.000 0.000 3.158 838 0 3 N 2.060 2.473 2.193 2.242 3390 2954 3 N 3.479 3.249 2.826 3.185 8235 7595 3 N 3.241 2.836 2.919 2.999 10242 9288		N	2.023	1.951	2.362	2.112	1037	1009
3 N 2.602 3.000 2.692 2.765 5187 5028 3 N 2.330 2.076 2.245 2.217 3799 3666 3 N 3.158 0.000 0.000 3.158 838 0 3 N 2.060 2.473 2.193 2.242 3390 2954 3 N 3.479 3.249 2.826 3.185 8235 7595 3 N 3.241 2.836 2.919 2.999 10242 9288		N	2.429	2.410	2.392	2.410	3299	3160
3 N 2.330 2.076 2.245 2.217 3799 3666 3 N 3.158 0.000 0.000 3.158 838 0 3 N 2.060 2.473 2.193 2.242 3390 2954 3 N 3.479 3.249 2.826 3.185 8235 7595 3 N 3.241 2.836 2.919 2.999 10242 9288		N	2.406	2.449	2.038	2.298	5763	5859
3 N 3.158 0.000 0.000 3.158 838 0 3 N 2.060 2.473 2.193 2.242 3390 2954 3 N 3.479 3.249 2.826 3.185 8235 7595 3 N 3.241 2.836 2.919 2.999 10242 9288		N	2.602	3.000	2.692		5187	5028
3 N 2.060 2.473 2.193 2.242 3390 2954 3 N 3.479 3.249 2.826 3.185 8235 7595 3 N 3.241 2.836 2.919 2.999 10242 9288		N	2.330	2.076	2.245	2.217	3799	3666
3 N 3.479 3.249 2.826 3.185 8235 7595 3 N 3.241 2.836 2.919 2.999 10242 9288								
3 N 3.241 2.836 2.919 2.999 10242 9288								
3 N 2.128 2.460 2.246 2.278 7847 7553								
	3	N	2.128	2.460	2.246	2.278	7847	7553

3	N	3.614	3.553	2.909	3.359	776	722
3	N	2.982	3.475	3.374	3.277	8619	8133
3	N	2.439	1.869	2.093	2.134	1233	1071
3	N	2.063	2.516	2.185	2.255	980	837
3	N	3.254	3.115	2.300	2.890	2930	2618
3	N	2.328	2.312	2.466	2.369	4837	4063
3	N	2.536	1.758	2.454	2.249	1262	908
3	N	1.940	2.238	2.481	2.220	873	954
3	N	2.389	2.394	2.303	2.362	810	779
3	N	2.021	2.395	1.922	2.113	5723	6868
3	N	3.154	2.690	2.672	2.839	6609	5787
3	N	2.531	2.662	2.561	2.585	1100	865
3	N	2.365	2.242	2.134	2.247	18448	18412
3	N	3.032	3.009	3.387	3.143	1710	1352
3	N	2.044	2.319	2.367	2.243	1228	1085
3	N	2.607	2.195	1.919	2.240	1047	797
3	N	2.305	2.082	2.029	2.139	4303	4295
3	N	2.435	1.882	0.000	2.159	1304	724
3	N	2.563	2.429	2.810	2.601	5274	4697
3	N	2.288	2.051	2.055	2.131	16629	15049
3	N	2.439	3.196	3.889	3.175	1094	1014
3	N	2.585	2.755	2.588	2.643	2677	2856
3	N	2.092	2.081	0.000	2.087	12740	10822
3	N	2.696	2.641	1.778	2.372	10042	9672
3	N	2.629	2.699	2.217	2.515	1873	1811
3	N	2.781	2.152	2.445	2.459	2293	2018
3	N	2.799	1.918	2.020	2.439	2845	2647
3	N	2.711	2.288	2.588	2.529	866	837
4	N	1.190	1.445	1.351	1.329	1375	1078
4	N	1.791	1.485	1.213	1.496	2314	2122
4	N	2.092	2.021	2.094	2.069	2958	3027
4	N	0.392	0.353	0.082	0.276	78	63
4	N			1.719			4842
4	N	0.021	0.000	0.000	0.021	16	0
4	N	0.021	0.044	0.000	0.021	25	39
4	N	0.604	0.581	0.133	0.560	641	621
4	N	0.253	0.000	0.000	0.253	39	0
4	N	0.424	0.474	0.394	0.233	826	729
4	N	1.628	0.000	0.000	1.628	426	0
4	N	0.479	0.000	0.000	0.479	407	0
4	N	1.194	1.282	0.540	1.005	482	528
4	N N	0.188	0.000	0.000	0.188	108	0
4	N	0.166	0.000	0.000	0.166	73	0
4	N	1.549	0.000	1.619	1.365	805	839
4	N	0.011	0.000	0.000	0.011	13	0
4	N	0.123	0.074	0.000	0.099	55	62
4	N	1.010	0.832	1.096	0.979	428	425
4	N N	1.069	1.191	1.352	1.204	1530	1582
4	N	0.837	0.969	0.753	0.853	527	478
4	N	0.000	0.000	0.000	0.000	1	0
4	N	1.337	1.091	0.940	1.123	680	622

4	N	1.472	1.634	1.391	1.499	5634	5219
4	N	0.597	0.770	0.606	0.658	409	391
4	N	0.944	1.380	1.206	1.177	233	237
4	N	1.618	1.356	1.274	1.416	5387	5280
4	N	1.412	1.095	1.112	1.206	2134	2205
4	N	1.909	1.762	1.285	1.652	6086	5870
4	N	0.403	0.000	0.000	0.403	1045	0
4	N	0.984	0.868	0.983	0.945	5482	5152
4	N	1.768	1.517	1.411	1.565	9055	8608
4	N	1.070	0.748	0.814	0.877	615	472
4	N	1.783	1.676	1.677	1.712	4032	3498
4	N	0.750	0.491	0.453	0.565	277	301
4	N	0.750	0.000	0.000	0.358	518	0
4		1.270	1.091	0.000		3131	2991
4	N N				1.111	116	0
		0.726	0.000	0.000	0.726		
4	N	2.221	1.707	2.000	1.976	4049	3373
4	N	0.746	0.810	0.560	0.705	572	683
4	N	0.515	0.446	0.316	0.426	229	254
4	N	0.250	0.692	0.481	0.474	141	243
4	N	0.947	0.837	0.804	0.863	495	409
4	N	2.248	1.846	1.752	1.949	5936	5389
4	N	2.415	1.673	1.577	1.888	485	291
4	N	0.094	0.000	0.000	0.094	68	()
4	N	2.020	0.000	0.663	1.342	9103	()
4	N	1.412	1.254	0.885	1.184	493	327
4	N	1.057	0.000	0.000	1.057	197	()
4	N	1.414	1.211	1.333	1.319	963	929
4	N	1.542	1.483	0.984	1.336	570	438
4	N	0.936	0.973	0.719	0.876	702	591
4	N	1.179	0.782	0.559	0.840	1673	1384
4	N	0.667	0.000	0.000	0.667	32	()
4	N	0.415	0.000	0.000	0.415	129	()
4	N	1.698	2.056	1.240	1.665	1630	1454
4	N	1.255	1.397	1.311	1.321	1478	1426
4	N	1.127	1.291	1.264	1.227	1181	1009
4	N	0.612	0.000	0.000	0.612	313	()
4	N	2.178	2.024	2.022	2.075	4457	4244
4	N	0.569	0.000	0.000	0.569	111	()
4	N	0.213	0.295	0.311	0.273	130	150
4	N	0.127	0.084	0.105	0.105	84	111
4	N	0.206	0.168	0.230	0.201	86	96
4	N	0.630	0.000	0.000	0.630	443	()
4	N	0.120	0.175	0.160	0.152	120	191
4	N	1.796	1.487	0.970	1.418	1045	941
4	N	0.615	0.000	0.000	0.615	123	0
4	N	0.922	1.309	1.286	1.172	224	286
4	N	1.702	1.940	1.918	1.853	3875	3751
4	N	1.964	0.000	0.000	1.964	566	0
4	N	1.422	1.058	1.122	1.201	1254	1089
4	N	1.820				1144	1137
4	N	2.206					2859

4	N	1.658	2.043	1.078	1.593	1203	1218
4	N	1.314	1.130	1.276	1.240	1783	1822
4	N	1.295	1.477	1.503	1.425	2508	2541
4	N	1.542	1.188	1.164	1.298	3105	3016
4	N	0.713	0.523	0.603	0.613	1256	1033
4	N	1.036	1.080	0.689	0.935	260	294
4	N	2.097	1.763	1.708	1.856	3343	2935
4	N	1.721	1.489	1.597	1.602	4363	4517
4	N	1.500	1.365	1.025	1.297	583	431
4	N	1.195	1.360	1.618	1.391	3631	3547
4	N	0.685	1.046	1.101	0.944	942	975
4	N	1.327	1.442	1.126	1.298	7929	8040
4	N	2.211	1.711	1.120	1.960	3273	2866
4	N	1.016	0.845	0.771	0.877	1513	1390
4	N	1.126	1.158	0.771	1.038	1428	1455
4	N N		0.936				705
	N N	1.067		0.663	0.889	851 3348	2924
4		1.556	1.695	1.557	1.603		
4	N	2.252	1.553	1.363	1.723	2002	1426
4	N	1.154	1.297	1.241	1.231	5476	5928
4	N	1.600	1.846	1.600	1.682	876	886
4	N	0.363	0.000	0.000	0.363	338	0
4	N	0.244	0.000	0.000	0.244	144	0
4	N	0.307	0.000	0.000	0.307	176	0
4	N	0.378	0.000	0.000	0.378	232	0
4	N	1.108	0.848	0.896	0.951	1782	1659
4	N	0.891	0.876	0.777	0.848	1144	1146
4	N	0.195	0.194	0.275	0.221	350	362
4	N	0.873	0.000	0.627	0.750	272	()
4	N	1.490	1.569	1.801	1.620	6814	6454
4	N	0.506	0.594	1.161	0.754	208	215
4	N	1.152	1.300	0.939	1.130	1063	991
4	N	1.097	1.122	0.625	0.948	1918	2056
4	N	0.937	1.166	0.972	1.025	3178	3353
4	N	1.010	1.004	0.733	0.916	1754	1587
4	N	1.538	1.443	1.074	1.352	805	634
4	N	0.877	0.932	0.817	0.875	730	642
4	N	0.304	0.286	0.350	0.313	431	486
4	N	0.212	0.000	0.000	0.212	187	()
4	N	0.333	0.000	0.000	0.333	426	()
4	N	1.917	1.788	1.928	1.878	2191	2040
4	N	1.106	1.357	1.065	1.176	953	954
4	N	0.227	0.000	0.000	0.227	65	()
4	N	0.391	0.482	0.415	0.429	1324	1447
4	N	1.128	0.000	0.000	1.128	829	()
4	N	0.664	0.446	0.282	0.464	426	368
4	N	0.771	0.793	0.699	0.754	1017	1049
4	N	1.674	0.000	0.000	1.674	381	0
4	N	0.281	0.000	0.000	0.281	269	()
4	N	0.153	0.000	0.000	0.153	363	0
4	N	1.208	1.120	1.151	1.160	574	485
4	N	0.917		0.987	1.001		930

4	N	1.970	1.236	1.831	1.679	1443	1271
4	N	1.914	1.787	1.493	1.731	1942	1868
4	N	0.157	0.094	0.090	0.114	576	611
4	N	1.292	1.339	1.237	1.289	6042	5566
4	N	0.223	0.474	0.186	0.294	343	455
4	N	1.293	1.140	1.029	1.154	5395	5051
4	N	0.989	0.944	0.774	0.902	1830	1823
4	N	0.550	0.600	0.331	0.494	514	544
4	N	0.969	0.000	0.000	0.969	344	()
4	N	1.368	1.652	1.349	1.456	2803	2494
4	N	0.895	0.949	0.737	0.860	778	722
4	N	0.364	0.226	0.250	0.280	150	184
4	N	1.169	1.262	1.500	1.310	2594	2667
4	N	1.526	0.000	1.000	1.263	461	0
4	N	1.428	1.390	1.414	1.411	11382	11366
4	N	1.344	1.388	0.998	1.243	2082	2061
4	N	0.831	0.955	0.893	0.893	1103	1038
4	N	1.745	1.316	1.421	1.494	2738	2683
4	N	1.709	1.487	1.474	1.557	1081	1041
4	N	0.477	1.017	0.804	0.766	452	391
4	N	0.871	1.086	0.774	0.910	573	576
4	N	1.968	1.591	1.000	1.520	747	401
4	N	0.891	0.865	0.808	0.855	798	779
4	N	2.166	1.624	1.563	1.784	1102	1012
4	N	0.663	0.000	0.000	0.663	93	14
4	N	1.844	1.927	1.596	1.789	2304	2132
4	N	0.765	0.000	0.000	0.765	56	0
4	N	1.308	1.393	0.810	1.170	827	756
4	N	1.360	1.270	1.289	1.306	1366	1146
4	N	0.912	0.727	0.666	0.768	1551	1269
4	N	1.989	1.432	1.689	1.703	822	709
4	N	0.874	0.000	0.000	0.874	352	0
4	N	0.972	0.917	0.649	0.846	461	513
4	N	0.481	0.316	0.266	0.354	497	457
4	N	0.398	0.265	0.424	0.362	795	870
4	N	0.177	0.000	0.000	0.177	133	0
4	N	1.884	1.703	1.772	1.786	2088	1884
4	N	1.012	0.000	0.000	1.012	222	0
4	N	1.649	1.379	1.554	1.527	4452	4350
4	N	1.117	0.965	0.913	0.998	2800	2509
4	N	1.918	1.829	1.426	1.724	8470	7857
4	N	0.406	0.356	0.298	0.353	1281	1312
4	N	1.785	1.429	1.300	1.505	1869	1721
4	N	1.159	1.074	1.085	1.106	2408	2059
4	N	2.184	2.159	1.814	2.052	14352	13596
4	N	0.897	0.732	0.734	0.788	574	508
4	N	1.909	2.020	1.839	1.923	6680	6312
4	N	1.427	2.208	1.912	1.849	645	552
4	N	1.316	0.000	0.000	1.316	1543	0
4	N	0.680	0.000	0.000	0.680	631	0
4	N	0.549	0.388	0.441	0.459	1609	1383
	*						

4	N	0.691	0.713	0.692	0.699	2807	2987
4	N	1.389	1.631	1.450	1.490	1884	1931
4	N	1.214	0.817	1.180	1.070	1353	966
4	N	0.333	0.872	0.000	0.603	46	52
4	N	1.688	2.059	1.609	1.785	1051	969
4	N	0.524	0.675	0.000	0.600	305	295
4	N	0.562	0.569	0.567	0.566	278	249
4	N	1.108	0.000	0.000	1.108	1049	0
4	N	0.232	0.000	0.000	0.232	26	0
4	N	0.763	0.000	0.000	0.763	202	0
4	N	0.205	0.000	0.000	0.205	15	0
4	N	0.437	0.000	0.000	0.437	766	0
4	N	0.101	0.110	0.175	0.129	124	108
4	N	0.000	0.000	0.000	0.000	38	0
4	N	1.835	2.424	1.417	1.892	1042	958
4	N	0.632	0.603	0.584	0.606	817	704
4	N	1.220	0.573	0.500	0.764	1022	877
4	N	0.570	0.000	0.000	0.570	920	0
4	N	0.584	0.000	0.000	0.584	422	0
4	N	0.593	0.592	0.000	0.593	279	231
4	N	1.709	1.948	1.870	1.842	771	651
4	N	0.289	0.000	0.000	0.289	88	0
4	N	0.786	0.000	0.000	0.786	482	0
4	N	1.316	1.139	0.833	1.096	1679	1561
4	N	1.349	1.556	1.335	1.413	1871	1831
4	N	0.438	0.000	0.000	0.438	278	0
4	N	0.438	0.319	0.000	0.438	117	87
4	N	0.071	1.096	0.000	1.035	719	716
4	N	0.657	0.000	0.000	0.657	416	0
4	N	0.510	0.000	0.000	0.510	780	13
4	N	1.375	0.000	0.000	1.375	50	0
4	N	1.815	2.130	1.756	1.900	1569	1375
4	N	0.993	0.774	0.832	0.866	2912	2771
4		0.407	0.774	0.852	0.378	480	452
4	N N	0.407	1.094	0.889	0.578	1023	1282
4	N	0.792	0.258	0.889	0.923	1249	1133
4	N	1.152	0.238	0.475	0.237	587	442
4	N	0.022	0.000	0.473	0.723	13	0
4	N	0.022	0.000	0.000	0.022	10	0
4	N N		0.000			60	0
		0.911	2.073	0.000	0.911		
4	N	2.308 1.370		1.821	2.067	1675	1295
4	N		0.808	1.000	1.059	584	556
4	N	0.867	1.308	0.762	0.979	487	429
4	N	0.266	0.248	0.078	0.197	92	57
4	N	1.867	1.360	0.617	1.281	1179	1067
4	N	0.660	0.000	0.000	0.660	233	0
4	N	1.136	1.013	1.152	1.100	733	614
4	N	1.810	1.765	1.614	1.730	8021	7236
4	N	0.930	1.386	1.214	1.177	310	274
4	N	0.861	0.725	0.000	0.793	90	35
4	N	1.608	1.728	1.978	1.771	938	804

4	N	2.238	2.198	1.418	1.951	2647	2228
4	N	1.146	1.083	1.026	1.085	386	369
4	N	0.525	0.592	0.593	0.570	441	406
4	N	0.573	0.000	0.000	0.573	305	0
4	N	0.292	0.000	0.000	0.292	30	6
4	N	1.246	1.542	1.238	1.342	981	924
4	N	0.522	0.350	0.300	0.391	218	130
4	N	1.279	2.273	1.488	1.680	1842	1670
4	N	2.279	1.500	1.413	1.731	458	293
4	N	1.246	1.398	1.373	1.339	2159	2162
4	N	1.163	1.605	1.624	1.464	1043	1121
4	N	1.773	1.625	1.391	1.596	916	918
4	N	1.893	1.748	1.822	1.821	1104	1035
4	N	1.709	0.000	0.000	1.709	616	0
4	N	1.886	2.136	1.975	1.999	645	495
4	N	1.660	1.680	1.358	1.566	1823	1131
4	N	1.895	0.000	0.000	1.895	604	0
4	N	1.880	1.987	1.323	1.730	1354	986
4	N	1.832	0.000	0.000	1.832	870	0
4	N	2.223	2.029	1.633	1.962	3643	2259
4	N	0.250	0.000	0.000	0.250	66	0
4	N	1.857	1.942	0.000	1.900	401	350
4	N	1.743	1.401	1.464	1.536	2539	2295
4	N	1.044	0.000	0.000	1.044	50	0
4	N	1.533	1.116	1.250	1.300	3004	2432
4	N	2.080	1.179	1.256	1.505	880	790
4	N	1.100	0.406	0.000	0.753	230	160
4	N	0.317	0.000	0.000	0.317	328	0
4	N	0.550	0.000	0.000	0.550	627	0
4	N	1.075	1.215	1.150	1.147	3680	3568
4	N	0.500	0.530	0.040	0.357	81	61
4	N	1.610	2.091	1.739	1.813	1491	1398
4	N	1.089	0.916	1.018	1.008	2950	3057
4	N	0.986	0.608	0.585	0.726	393	360
4	N	0.165	0.126	0.049	0.113	378	372
4	N	0.830	1.372	0.512	0.905	802	713
4	N	1.013	0.764	0.542	0.773	1793	1693
4	N	1.327	0.787	0.834	0.983	2475	1974
4	N	1.248	0.000	0.000	1.248	914	0
4	N	1.950	1.605	1.220	1.592	4075	3285
4	N	0.829	0.000	0.000	0.829	3071	0
4	N	0.738	1.110	0.723	0.857	378	337
4	N	0.925	0.000	0.000	0.925	389	0
4	N	1.185	1.060	0.933	1.059	1239	980
4	N	2.306	2.051	1.808	2.055	4177	4190
4	N	1.323	1.796	1.422	1.514	1784	1894
4	N	0.278	0.294	0.493	0.355	152	149
4	N	1.376	1.346	2.030	1.584	1225	1233
4	N	0.755	0.000	0.000	0.755	289	0
4	N	1.041	1.240	1.274	1.185	2022	2071
4	N	1.443		1.028	1.123	1131	908
	11	I. I. F.J.	0.070	1.020	1.140	1101	700

4	N	1.341	1.763	1.587	1.564	3688	3724
4	N	0.850	0.961	0.917	0.909	1549	1484
4	N	1.000	0.000	0.000	1.000	534	()
4	N	1.443	1.318	1.725	1.495	996	1041
4	N	2.056	1.951	1.600	1.869	1477	1445
4	N	0.000	0.000	0.000	0.000	8	()
4	N	1.537	1.482	1.559	1.526	4070	4257
4	N	2.105	1.976	2.106	2.062	2195	2120
4	N	1.878	1.705	1.262	1.615	1875	2001
4	N	1.438	0.000	0.000	1.438	583	0
4	N	1.247	0.753	0.968	0.989	820	849
4	N	1.183	0.956	0.912	1.017	1066	955
4	N	1.637	1.837	1.701	1.725	1838	1690
4	N	1.949	1.721	1.251	1.640	2747	2492
4	N	1.626	1.956	1.800	1.794	1036	952
4	N	2.462	1.993	1.636	2.030	2904	2781
4	N	0.224	0.000	0.000	0.224	37	0
4	N	0.246	0.319	0.037	0.201	82	158
4	N	1.698	1.623	1.223	1.515	12785	11964
4	N	2.028	1.515	1.503	1.682	1270	1210
4	N	1.137	1.154	1.396	1.229	1297	1116
4	N	1.214	1.351	0.993	1.186	3198	3017
4	N	1.812	1.935	1.281	1.676	780	656
4	N	0.420	0.000	0.000	0.420	100	0
4	N	0.198	0.000	0.000	0.198	40	0
4	N	0.198	0.655	0.803	0.719	327	245
4	N	0.058	0.858	0.636	0.715	3407	2843
4	N	0.332	0.071	0.030	0.108	49	60
4	N	0.143	0.000	0.000	0.108	229	0
4	N	0.601	0.623	0.539	0.588	1541	1748
4	N	0.182	0.023	0.000	0.388	99	0
4	N N	1.783	0.000	0.000	1.783	86	0
4							
	N	0.884	0.957	0.962	0.934	2301	2324
4	N N	2.149	1.969	1.312	1.810	1189	1036
		1.084	0.778	0.626	0.829	1273	1129
4	N N	1.351	1.421	1.286 1.557	1.353	685 1009	673
	N	1.278	1.517		1.451	4104	914
4	N	2.019	1.926	2.072	2.006		3635
4	N	1.759	2.000	1.642	1.800	4537	4063
4	N	1.602	1.211	1.067	1.293	2008	2056
4	N	1.886	1.888	1.741	1.838	3682	3401
4	N	1.414	1.301	0.602	1.106	880	805
4	N	0.468		0.523	0.504	457	496
4	N	1.122	1.151	1.288	1.187	235	164
4	N	1.550	1.779	1.522	1.617	3279	3376
4	N	1.292	1.079		1.118	1055	1054
4	N	1.581	1.965	1.531	1.692	370	336
4	N	0.450	0.000	0.000	0.450	474	0
4	N	1.755	1.347	1.253	1.452	1544	1303
4	N	1.236	1.031	0.000	1.134	570	482
4	N	0.075	0.000	0.000	0.075	8	()

4	N	1.936	2.196	2.038	2.057	4350	4067
4	N	1.914	1.722	0.000	1.818	221	159
4	N	1.469	1.098	0.768	1.112	1016	1044
4	N	1.780	1.814	0.977	1.524	1583	1108
4	N	0.725	0.778	0.742	0.748	925	943
4	N	1.149	0.905	0.649	0.901	737	612
4	N	1.500	1.595	1.636	1.577	1892	1562
4	N	1.010	1.261	1.523	1.265	499	603
4	N	1.172	1.385	1.570	1.376	756	710
4	N	1.509	2.393	0.000	1.951	625	584
4	N	1.130	1.596	0.000	1.363	334	275
4	N	1.038	1.217	1.308	1.188	711	656
4	N	1.373	1.413	1.320	1.369	3390	3361
4	N	1.303	1.323	1.553	1.393	2096	1770
4	N	1.037	1.200	0.720	0.986	764	757
4	N	1.766	1.750	1.716	1.744	1671	1375
4	N	0.800	1.469	0.809	1.026	298	242
4	N	0.737	0.906	0.894	0.846	371	258
4	N	2.061	2.033	1.196	1.763	1895	1745
4	N	2.233	1.953	1.956	2.047	956	754
4	N	2.065	1.893	1.891	1.950	29213	27806
4	N	1.569	1.614	0.000	1.592	2224	2046
4	N	0.977	1.010	0.735	0.907	2045	1982
4	N	1.543	1.730	1.357	1.543	1208	1297
4	N	1.333	1.183	1.000	1.172	1397	1322
4	N	0.952	0.990	0.837	0.926	1726	1642
4	N	1.645	1.622	1.429	1.565	4166	4074
4	N	1.767	1.840	1.602	1.736	2864	2592
4	N	0.597	0.846	0.000	0.722	46	20
4	N	1.668	1.559	1.644	1.624	3433	3005
4	N	1.333	1.298	1.663	1.431	1484	1280
4	N	0.815	0.690	0.710	0.738	275	278
4	N	1.460	1.505	1.706	1.557	955	720
4	N	1.146	0.000	0.000	1.146	485	()
4	N	2.004	1.915	1.923	1.947	3113	2848
4	N	1.917	1.694	1.887	1.833	609	491
4	N	1.596	0.000	0.000	1.596	589	()
4	N	1.092	1.882	2.614	1.863	424	342
4	N	1.674	1.755	1.925	1.785	1897	1738
4	N	0.969	0.600	0.736	0.768	678	703
4	N	2.986	1.607	0.810	1.801	898	722
4	N	0.705	0.477	0.432	0.538	236	213
4	N	1.094	1.089	1.153	1.112	773	595
4	N	1.950	1.841	1.100	1.630	741	699
4	N	2.082	2.054	1.857	1.998	3128	3062
4	N	1.221	0.000	0.000	1.221	715	()
4	N	1.041	1.192	0.848	1.027	949	929
4	N	1.506	1.415	1.438	1.453	584	355
4	N	0.497	0.000	0.000	0.497	333	()
4	N	1.782	1.830	1.926	1.846	1085	1049
4	N	2.106	1.853	1.776	1.912	5364	4592

4	N	1.527	1.254	1.556	1.446	1269	1308
4	N	0.412	0.556	0.528	0.499	430	501
4	N	1.723	1.857	1.796	1.792	1083	1019
4	N	1.031	1.119	0.000	1.075	330	353
4	N	1.373	1.114	1.174	1.220	952	920
4	N	1.132	0.000	0.000	1.132	56	()
4	N	0.875	0.000	0.000	0.875	99	0
4	N	1.887	1.688	1.556	1.710	806	725
4	N	1.680	0.000	0.000	1.680	172	()
4	N	1.513	1.519	1.443	1.492	3221	3096
4	N	2.377	1.885	1.403	1.888	973	875
4	N	0.574	0.642	0.000	0.608	147	89
4	N	1.731	1.151	0.796	1.226	269	146
4	N	1.220	0.435	0.459	0.705	368	204
4	N	1.164	1.033	1.158	1.118	174	110
4	N	1.417	2.174	1.522	1.704	406	390
4	N	0.468	0.796	0.958	0.741	57	41
4	N	0.238	0.333	0.475	0.349	579	581
4	N	0.256	0.529	0.000	0.393	70	49
4	N	1.061	0.638	0.383	0.694	101	46
4	N	1.019	0.800	0.615	0.811	1838	1968
4	N	0.774	1.559	1.394	1.242	863	778
4	N	0.774	0.472	0.250	0.365	126	83
4	N	0.929	0.472	0.230	0.821	857	702
4	N	1.316	1.274	1.093	1.228	1325	1133
4	N	1.229	1.173	0.899	1.100	1429	1203
4	N	2.264	1.045	1.197	1.502	349	256
4	N	1.294	1.689	1.197	1.409	1282	1401
4	N N	2.343	2.102	1.769	2.071	5080	4895
4		1.828		0.000	1.903		
	N		1.978			739	646
4	N	0.590	0.625	0.433	0.549	1982	2040
4	N	2.000	0.000	0.000	2.000	107	4
4	N	1.256	0.000	0.000	1.256	131	0
4	N	1.873			1.818	1262	
4	N	2.426	2.062	1.710	2.066	2332	2209
4	N	2.160	1.888	1.823	1.957	4636	4131
4	N	0.186	0.000	0.000	0.186	101	0
4	N	0.380	0.000	0.000	0.380	49	0
4	N	1.298	1.124	0.990	1.137	2465	2372
4	N	0.771	0.000	0.000	0.771	215	0
4	N	1.579	1.770	1.932	1.760	804	744
4	N	1.299	1.108	0.000	1.204	236	137
4	N	0.184	0.297	0.161	0.214	145	186
4	N	1.487	1.092	1.072	1.217	737	690
4	N	1.838	1.583	1.319	1.580	10449	10695
4	N	0.333	0.000	0.000	0.333	389	0
4	N	1.372	1.257	1.389	1.339	1341	1383
4	N	1.770	1.836	2.097	1.901	2214	2194
4	N	1.493	1.404	1.146	1.348	1193	984
4	N	0.358			0.395	198	224
4	N	1.130	0.000	0.000	1.130	205	()

4	N	2.026	2.303	1.794	2.041	790	659
4	N	1.555	1.395	1.414	1.455	3471	2752
4	N	0.625	0.000	0.000	0.625	105	()
4	N	0.491	0.000	0.000	0.491	58	()
4	N	1.571	2.161	0.788	1.507	255	274
4	N	1.837	1.100	0.938	1.292	1338	1416
4	N	0.085	0.000	0.000	0.085	24	0
4	N	1.250	1.409	1.056	1.238	519	479
4	N	1.413	1.550	1.642	1.535	744	683
4	N	0.960	1.104	1.049	1.038	2781	3197
4	N	0.670	1.375	0.976	1.007	1237	1253
4	N	0.500	0.468	0.464	0.477	495	397
4	N	0.579	0.504	0.404	0.586	632	530
4	N	1.588	1.206	1.250	1.348		793
4	N N	1.354		0.000	1.177	851 151	78
			1.000				
4	N	1.099	0.000	0.000	1.099	208	0
4	N	1.577	1.741	1.074	1.464	1628	1211
4	N	2.122	2.120	1.850	2.031	2945	2679
4	N	1.250	0.000	0.000	1.250	104	0
4	N	0.831	0.000	0.000	0.831	419	0
4	N	1.444	1.429	1.329	1.401	1592	1361
4	N	0.184	0.311	0.383	0.293	268	231
4	N	2.016	1.725	0.000	1.871	398	249
4	N	0.633	0.872	0.831	0.779	3475	2998
4	N	0.250	0.000	0.000	0.250	24	0
4	N	0.000	0.000	0.000	0.000	32	0
4	N	0.901	0.000	0.000	0.901	381	()
4	N	0.964	0.946	0.876	0.929	661	672
4	N	1.477	1.347	0.929	1.251	1860	1706
4	N	0.347	0.203	0.252	0.267	856	818
4	N	1.806	1.600	1.572	1.659	2068	1926
4	N	1.417	1.558	1.837	1.604	631	561
4	N	0.765	0.750	0.973	0.829	648	691
4	N	1.278	1.842	2.570	1.897	1860	1863
4	N	0.102	0.141	0.164	0.136	194	220
4	N	1.649	1.929	1.740	1.773	651	562
4	N	1.393	1.432	1.096	1.307	954	908
4	N	0.424	0.000	0.000	0.424	1404	()
4	N	0.688	0.000	0.000	0.688	53	()
4	N	1.293	1.051	1.281	1.208	1384	1148
4	N	0.705	0.000	0.000	0.705	304	()
4	N	0.047	0.000	0.000	0.047	34	()
4	N	1.198	1.068	0.919	1.062	648	591
4	N	0.164	0.290	0.319	0.258	105	111
4	N	0.302	0.000	0.000	0.302	59	()
4	N	0.870	0.815	0.744	0.810	1571	1503
4	N	1.673	0.939	1.372	1.328	578	457
4	N	1.167	0.843	0.648	0.886	2186	1850
4	N	1.651	0.000	0.000	1.651	1585	0
4	N	2.071	2.100	1.619	1.930	1068	1111
4	N	1.859	1.550		1.615	2203	1871

4	N	2.047	1.931	1.752	1.910	8930	7471
4	N	1.100	0.985	0.901	0.995	842	759
4	N	2.205	1.865	1.632	1.901	1919	1875
4	N	0.973	0.824	0.862	0.886	447	434
4	N	1.024	0.000	0.000	1.024	356	0
4	N	2.251	1.968	1.294	1.838	1718	1639
4	N	0.677	0.738	0.565	0.660	470	544
4	N	1.476	1.917	0.000	1.697	1131	833
4	N	0.733	0.000	0.000	0.733	635	0
4	N	1.662	2.080	1.830	1.857	4360	4715
4	N	0.614	0.641	0.587	0.614	1182	1180
4				0.000	1.925	97	
	N	1.925	0.000				0
4	N	1.385	1.045	0.000	1.215	923	730
4	N	1.568	1.782	1.857	1.736	445	327
4	N	1.130	1.040	0.830	1.000	1013	958
4	N	1.582	1.565	1.432	1.526	5315	5070
4	N	0.325	0.000	0.000	0.325	135	0
4	N	1.126	0.976	0.000	1.051	352	268
4	N	0.887	1.010	1.018	0.972	1166	1144
4	N	1.956	1.957	2.071	1.995	2340	2269
4	N	0.975	1.015	1.022	1.004	2340	2234
4	N	0.105	0.000	0.000	0.105	86	()
4	N	2.007	1.421	0.861	1.430	828	600
4	N	1.634	1.416	1.277	1.442	5228	5436
4	N	0.743	0.768	0.678	0.730	1104	1180
4	N	0.742	0.755	0.000	0.749	153	116
4	N	0.207	0.000	0.000	0.207	57	()
4	N	1.494	1.897	1.323	1.571	2306	2314
4	N	0.550	0.000	0.000	0.550	26	()
4	N	0.773	0.000	0.000	0.773	306	0
4	N	0.629	0.000	0.000	0.629	175	()
4	N	1.500	1.327	0.920	1.249	876	852
4	N	1.871	1.706	1.376	1.651	2342	1544
4	N	0.981	1.447	1.146	1.191	742	789
4	N	1.685	1.896	1.745	1.775	1868	1850
4	N	0.595	0.000	0.000	0.595	165	()
4	N	1.177	1.618	1.506	1.434	904	941
4	N	2.056	1.930	1.822	1.936	1609	1421
4	N	1.773	1.751	1.597	1.707	4069	3299
4	N	1.431	1.226	1.311	1.323	913	788
4	N	1.354	0.000	0.000	1.354	389	0
4	N	2.018	2.077	1.703	1.933	2764	2514
4	N	1.280	1.335	1.589	1.401	1038	1003
4	N	1.725	2.071	1.519	1.772	605	492
4	N	0.738	0.712	0.859	0.770	141	109
4	N	0.623	0.000	0.000	0.623	446	0
4	N	1.331	1.626	1.878	1.612	1544	1443
4	N	1.515	1.630	1.696	1.614	2644	2614
4	N	0.144	0.064	0.000	0.104	85	44
4	N	2.335	1.972		2.078	3391	3000
4	N	0.911					

4	N	0.434	0.404	0.356	0.398	67	44
4	N	0.061	0.000	0.000	0.061	39	0
4	N	1.363	1.200	1.106	1.223	3259	2705
4	N	0.547	0.633	0.277	0.486	232	306
4	N	0.924	1.140	0.596	0.887	342	352
4	N	1.143	1.095	1.140	1.126	374	352
4	N	1.266	1.307	1.000	1.191	927	835
4	N	0.526	0.765	0.758	0.683	236	287
4	N	1.101	1.061	0.956	1.039	4397	3890
4	N	2.104	1.864	2.015	1.994	5904	5157
4	N	0.246	0.263	0.263	0.257	93	71
4	N	1.281	1.152	1.185	1.206	337	307
4	N	0.804	0.793	0.583	0.727	526	606
4	N	1.548	0.000	0.000	1.548	55	0
4	N	1.019	1.133	0.557	0.903	418	390
4	N	0.713	0.431	0.612	0.585	111	58
4	N	0.713	0.000	0.000	0.363	217	0
4	N	1.172	0.000	0.000	1.172	754	0
4	N	0.928	1.033	0.846	0.936	1585	1713
4			0.538				
	N	0.465	0.350	0.000	0.502	240	206
4	N	0.354		0.502	0.402	462	475
4	N	0.362	0.000	0.000	0.362	121	0
4	N	0.068	0.107	0.126	0.100	47	72
4	N	1.598	0.000	0.000	1.598	342	0
4	N	0.543	0.422	0.506	0.490	404	402
4	N	1.170	1.120	1.218	1.169	706	618
4	N	1.583	1.472	0.000	1.528	107	54
4	N	0.717	0.000	0.000	0.717	214	0
4	N	0.789	0.512	0.271	0.524	358	402
4	N	1.012	0.884	0.835	0.910	691	677
4	N	1.014	0.000	0.000	1.014	465	0
4	N	1.661	1.690	1.358	1.570	1866	1762
4	N			0.000	0.000	3	0
4	N	2.102	1.770		1.821		
4	N	2.352	2.008	1.831	2.064	1167	1032
4	N	0.167	0.000	0.000	0.167	13	0
4	N	1.360	1.359	1.169	1.296		1224
4	N	0.632	0.000		0.632	682	0
4	N	1.045	1.417	1.157	1.206	1779	1686
4	N	0.687	0.681	0.743	0.704	1156	1236
4	N	0.646	0.380	0.000	0.513		416
4	N	1.539	1.114	1.452	1.368	1194	914
4	N	0.434	0.362	0.333	0.376	1137	1069
4	N	0.645	0.699	0.514	0.619	641	724
4	N	2.011	1.994	1.648	1.884	3015	2501
4	N	1.803	2.397	1.949	2.050	666	695
4	N	0.619	0.000	0.000	0.619	83	0
4	N	0.917	0.869	0.870	0.885	3277	3682
4	N	1.348	1.334	1.141	1.274	2464	2201
4	N	2.477	1.953	1.653		1421	1255
4	N	0.200	0.125	0.000	0.163	19	4

4	N	1.036	1.094	1.043	1.058	1568	1651
4	N	0.634	0.488	0.500	0.541	527	545
4	N	1.716	1.351	1.043	1.370	906	764
4	N	0.705	0.000	0.000	0.705	111	0
4	N	2.054	2.108	1.351	1.838	1511	1661
4	N	1.333	1.425	1.469	1.409	870	865
4	N	1.274	1.000	0.843	1.039	752	648
4	N	0.716	0.000	0.000	0.716	79	0
4	N	1.183	0.000	0.000	1.183	845	0
4	N	0.669	0.680	0.904	0.751	4826	5394
4	N	1.725	1.000	0.000	1.363	175	59
4	N	1.540	1.562	1.892	1.665	1613	1581
4	N	0.276	0.000	0.000	0.276	26	0
4	N	0.894	0.510	0.405	0.603	904	797
4	N	1.580	1.667	1.782	1.676	450	423
4	N	0.343	0.215	0.190	0.249	162	116
4	N	1.626	1.735	1.620	1.660	487	551
4	N	0.464	0.570	0.653	0.562	976	1005
4	N	1.125	1.041	0.000	1.083	255	208
4	N	0.462	0.000	0.000	0.462	13	0
4	N	1.730	2.285	2.015	2.010	3261	3332
4	N	1.730	1.456	1.335	1.366	1936	1874
4	N	2.148	1.725	1.252	1.708	1845	1593
4	N	0.284	0.321	0.294	0.300	450	471
			1.138				
4	N	1.368		1.185	1.230	501	468
4	N	1.932	1.547	1.279	1.586	491	378
4	N	0.112	0.000	0.000	0.112	25	0
4	N	1.466	1.754	1.529	1.583	591	527
4	N	0.894	0.822	0.896	0.871	639	595
4	N	0.000	0.000	0.000	0.000	15	0
4	N	1.505	0.000	0.000	1.505	900	0
4	N	1.171	0.990	1.143	1.101	1520	1358
4	N	1.215	0.745	0.792	0.917	944	803
4	N	0.976	0.000	0.000	0.976	670	0
4	N	1.516	1.883	1.670	1.690	2812	2458
4	N	0.539	0.646	0.000	0.593	1282	1182
4	N	0.150	0.000	0.000	0.150	50	0
4	N	0.267	0.000	0.000	0.267	71	0
4	N	0.276	0.000	0.000	0.276	33	0
4	N	0.962	0.956	0.750	0.889	1605	1417
4	N	0.019	0.068	0.089	0.059	82	123
4	N	2.051	1.831	1.601	1.828	1985	2054
4	N	1.586	1.457	1.504	1.516	2285	2171
4	N	1.642	2.034	1.000	1.559	907	825
4	N	1.754	0.000	0.000	1.754	167	0
4	N	0.471	0.000	0.000	0.471	9	0
4	N	2.383	1.946	1.509	1.946	5647	4832
4	N	1.453	1.837	1.401	1.564	1634	1583
4	N	0.698	0.528	0.788	0.671	465	469
4	N	1.155	1.418	0.933	1.169	947	938
4	N	2.251	1.938	1.476	1.888	2937	2834

4	N	0.632	0.672	0.759	0.688	1223	1251
4	N	1.041	0.947	0.929	0.972	402	317
4	N	1.417	1.299	1.277	1.331	1669	1611
4	N	1.335	1.201	1.133	1.223	939	690
4	N	1.419	1.265	1.208	1.297	585	603
4	N	2.151	1.268	1.250	1.556	916	725
4	N	1.048	0.843	0.000	0.946	480	412
4	N	1.508	0.000	0.000	1.508	905	0
4	N	1.381	1.299	1.281	1.320	1599	1695
4	N	2.245	2.007	1.594	1.949	3485	2937
4	N	2.102	1.767	1.918	1.929	2511	2320
4	N	1.177	1.409	1.130	1.239	4631	4774
4	N	0.231	0.000	0.000	0.231	44	0
4	N	1.066	0.965	0.750	0.231	480	418
4	N	0.219	0.000	0.000	0.327	7	0
4	N	0.219	0.458	0.000	0.507	35	18
	N N			1.425		3903	3344
4		2.179	1.932		1.845		
4	N	1.408	1.228	1.144	1.260	4555	3677
4	N	2.074	1.766	1.748	1.863	1996	1903
4	N	0.977	1.169	0.885	1.010	874	907
4	N	1.168	1.283	1.491	1.314	2003	1856
4	N	1.522	1.160	1.279	1.320	403	260
4	N	1.304	1.000	0.000	1.152	198	79
4	N	0.661	0.576	0.703	0.647	324	289
4	N	1.376	1.043	0.700	1.040	308	194
4	N	1.980	1.880	1.847	1.902	3794	3695
4	N	2.612	1.642	0.618	1.624	517	227
4	N	0.855	0.884	0.861	0.867	2061	1837
4	N	1.847	1.757	1.465	1.690	769	708
4	N	1.120	1.354	1.481	1.318	615	635
4	N	1.978	1.972	1.780	1.910	5440	5109
4	N	1.444	1.487	1.225	1.385	4103	3614
4	N	0.206	0.000	0.000	0.206	32	()
4	N	1.141	1.072	0.000	1.107	846	773
4	N	1.148	1.118	0.851	1.039	3421	2972
4	N	1.702	1.768	1.270	1.580	1932	1816
4	N	1.227	1.374	1.572	1.391	2318	2360
4	N	0.500	0.410	0.446	0.452	259	240
4	N	0.909	0.882	0.733	0.841	914	880
4	N	1.333	0.630	0.000	0.982	167	51
4	N	1.881	1.561	1.326	1.589	1563	1335
4	N	1.842	2.178	1.468	1.829	4145	4056
4	N	1.229	1.438	1.451	1.373	1055	914
4	N	0.959	0.627	0.474	0.687	694	586
4	N	1.589	1.626	1.524	1.580	4700	4418
4	N	1.050	1.075	1.300	1.142	2428	2389
4	N	0.912	0.879	1.078	0.956	673	640
4	N	1.794	1.439	1.406	1.546	1633	1229
4	N	1.243	1.267	1.073	1.194	669	680
4	N	1.158	0.982	0.769			1863
4	N	0.424				14	0

4	N	0.897	0.971	0.738	0.869	1036	1027
4	N	0.115	0.000	0.000	0.115	76	()
4	N	0.693	0.644	0.653	0.663	352	264
4	N	1.825	1.235	0.903	1.321	2397	1914
4	N	0.171	0.103	0.263	0.179	34	23
4	N	0.297	0.333	0.272	0.301	828	957
4	N	1.053	0.912	0.482	0.816	1353	1199
4	N	1.508	2.264	0.000	1.886	436	423
4	N	1.114	0.312	0.000	0.713	346	213
4	N	1.786	2.027	1.570	1.794	1492	1339
4	N	1.040	1.002	0.000	1.021	3201	2943
4	N	0.340	0.464	0.271	0.358	347	374
4	N	0.128	0.210	0.169	0.356	189	179
4	N	1.106	1.418	1.827	1.450	1184	1199
4	N N			0.000			0
		0.968	0.000		0.968	121	
4	N	0.353	0.000	0.000	0.353	13	0
4	N	0.280	0.000	0.000	0.280	7	0
4	N	0.131	0.000	0.000	0.131	32	0
4	N	0.235	0.000	0.000	0.235	93	0
4	N	0.244	0.341	0.000	0.293	162	136
4	N	0.125	0.000	0.000	0.125	17	()
4	N	0.183	0.000	0.000	0.183	20	()
4	N	0.071	0.000	0.000	0.071	8	()
4	N	0.696	0.352	0.290	0.446	475	433
4	N	0.221	0.221	0.162	0.201	172	139
4	N	0.898	0.626	0.577	0.700	1394	1197
4	N	1.070	1.166	0.983	1.073	1268	1062
4	N	0.754	0.897	0.000	0.826	53	27
4	N	0.171	0.316	0.216	0.234	57	47
4	N	1.638	1.623	1.723	1.661	938	891
4	N	1.518	1.654	1.442	1.538	9244	8919
4	N	1.612	2.108	2.218	1.979	787	989
4	N	1.824	0.000	0.000	1.824	96	49
4	N	1.548	1.660	1.327	1.512	588	571
4	N	1.685	1.628	1.526	1.613	1988	1617
4	N	0.879	1.035	0.000	0.957	942	853
4	N	0.907	0.823	0.000	0.865	565	474
4	N	1.580	2.250	2.102	1.977	1809	1579
4	N	2.106	2.097	1.410	1.871	1546	1418
4	N	1.726	1.849	1.698	1.758	4800	4801
4	N	0.984	1.203	0.000	1.094	1217	1112
4	N	0.598	0.586	0.407	0.530	1037	956
4	N	1.867	1.665	2.068	1.867	2220	2397
4	N	0.837	0.000	0.000	0.837	430	0
4	N	1.628	1.272	1.296	1.399	5964	5341
4	N	1.216	1.122	1.549	1.296	4010	3373
4	N	0.810	1.197	1.123	1.043	696	686
4	N	1.168	1.225	0.963	1.119	426	354
4	N	0.386	0.000	0.000	0.386	201	0
4	N	1.295	1.093		1.213	764	638
4	N	2.073			2.047	2031	

4	N	1.787	1.556	1.609	1.651	6147	5790
4	N	1.532	0.000	0.000	1.532	386	()
4	N	0.608	0.651	0.612	0.624	519	443
4	N	1.359	1.123	0.913	1.132	1435	1385
4	N	0.957	0.712	0.672	0.780	435	387
4	N	1.372	1.330	1.324	1.342	1897	1730
4	N	2.478	1.651	1.360	1.830	1885	1363
4	N	0.061	0.000	0.000	0.061	8	0
4	N	0.172	0.196	0.182	0.183	83	82
4	N	0.357	0.000	0.000	0.357	42	0
4	N	1.588	0.989	0.000	1.289	289	185
4	N	2.007	2.013	2.024	2.015	1513	1452
4	N	1.117	0.951	0.787	0.952	606	547
4	N	1.894	2.100	1.425	1.806	1291	1239
4	N	0.329	0.000	0.000	0.329	74	0
			0.000				0
4	N	0.600		0.000	0.600	237	
4	N	1.617	1.513	1.089	1.406	778	456
4	N	0.959	0.929	0.000	0.944	929	926
4	N	0.520	0.513	0.342	0.458	572	477
4	N	0.804	0.754	0.532	0.697	1076	972
4	N	1.550	0.000	0.000	1.550	1020	()
4	N	1.062	0.994	0.937	0.998	2009	1888
4	N	0.737	0.791	0.000	0.764	117	78
4	N	0.712	0.000	0.000	0.712	419	()
4	N	1.533	1.471	0.000	1.502	714	641
4	N	1.871	1.672	1.485	1.676	482	473
4	N	1.160	1.542	1.570	1.424	1776	1919
4	N	1.166	0.843	0.922	0.977	1261	1223
4	N	1.592	1.433	1.240	1.422	4105	3471
4	N	0.497	0.509	0.545	0.517	369	357
4	N	1.324	1.351	1.102	1.259	1810	1612
4	N	1.682	1.838	1.471	1.664	494	499
4	N	1.672	0.586	0.824	1.027	378	198
4	N	2.389	1.983	1.579	1.984	1008	941
4	N	1.885	2.184	1.691	1.920	3737	3506
4	N	0.855	0.696	0.955	0.835	776	743
4	N	1.462	0.000	0.000	1.462	154	()
4	N	0.444	0.000	0.000	0.444	54	()
4	N	1.472	1.740	1.500	1.571	2400	2172
4	N	1.170	1.190	0.801	1.054	2326	1771
4	N	1.194	1.376	1.301	1.290	3098	2654
4	N	1.671	1.755	1.364	1.597	1310	1181
4	N	0.910	0.843	0.645	0.799	1784	1599
4	N	0.559	0.842	0.575	0.659	235	220
4	N	0.062	0.000	0.000	0.062	13	0
4	N	1.383	1.448	1.509	1.447	6148	6185
4	N	1.252	1.360	0.955	1.189	1699	1619
4	N	0.812	0.716	0.653	0.727	2141	1816
4	N	2.127	1.747	1.687	1.854	1036	841
4	N	1.729	0.812	0.000	1.271	125	37
4	N	1.096	1.165		1.060	590	571

4	N	1.486	1.561	1.386	1.478	2858	2707
4	N	2.239	1.550	0.000	1.895	865	539
4	N	2.000	2.033	1.995	2.009	3271	3047
4	N	1.087	0.000	0.000	1.087	1747	0
4	N	0.107	0.000	0.000	0.107	16	0
4	N	1.008	1.175	0.694	0.959	1824	1831
4	N	1.571	1.279	0.911	1.254	803	692
4	N	2.110	2.008	2.017	2.045	1632	1449
4	N	1.791	0.000	0.000	1.791	131	0
4	N	0.956	1.107	0.717	0.927	609	483
4	N	0.508	0.440	0.671	0.540	201	179
4	N					748	0
		1.403	0.000	0.000	1.403		
4	N	1.193	0.974	1.176	1.114	769	553
4	N	1.077	1.126	1.069	1.091	1613	1512
4	N	1.995	1.884	1.333	1.737	2098	1870
4	N	1.265	0.778	0.813	0.952	2145	2020
4	N	0.359	0.399	0.345	0.368	543	522
4	N	1.000	0.000	0.000	1.000	115	0
4	N	1.347	1.888	2.021	1.752	3418	3618
4	N	1.754	1.930	1.799	1.828	3624	3450
4	N	1.066	1.519	1.443	1.343	669	696
4	N	1.496	1.421	1.343	1.420	1246	958
4	N	1.643	1.642	1.906	1.730	948	977
4	N	0.797	0.000	0.000	0.797	395	()
4	N	1.487	1.843	1.570	1.633	1361	1057
4	N	0.571	0.000	0.000	0.571	23	()
4	N	1.585	2.155	1.180	1.640	2673	2794
4	N	1.274	1.184	0.000	1.229	1089	949
4	N	1.250	0.683	0.714	0.882	273	277
4	N	1.426	1.400	1.408	1.411	2534	2848
4	N	0.630	0.471	0.568	0.556	365	326
4	N	1.524	1.088	1.037	1.216	4633	4142
4	N	0.661	0.640	0.500	0.600	1408	1410
4	N	0.510	0.450	0.400	0.453	837	705
4	N	1.265	0.000	0.000	1.265	261	0
4	N	0.727	0.447	0.843	0.672	944	890
4	N N	1.915	1.794	2.279	1.996	938	1007
4		2.094	2.016	0.000	2.055	3825	
	N						3688
4	N	0.815	0.773	0.000	0.794	953	893
4	N	1.744	2.078	1.832	1.885	1959	1858
4	N	1.326	1.447	1.071	1.281	5871	5785
4	N	0.820	0.700	0.824	0.781	2976	2889
4	N	0.612	0.933	0.000	0.773	675	625
4	N	2.137	1.875	0.000	2.006	509	396
4	N	1.885	2.118	1.521	1.841	3137	2938
4	N	1.241	1.338	1.027	1.202	695	674
4	N	0.859	0.847	1.060	0.922	579	402
4	N	0.683	0.654	0.643	0.660	734	690
4	N	1.033	1.112	1.130	1.092	2017	1891
4	N	1.360	0.000	0.000	1.360	51	0
4	N	1.601	1.914	1.658	1.724	1744	1654

4	N	0.311	0.000	0.000	0.311	384	0
4	N	0.362	0.000	0.000	0.362	28	0
4	N	1.014	0.815	1.359	1.063	608	658
4	N	1.921	1.479	1.821	1.740	942	820
4	N	0.508	0.825	0.614	0.649	146	159
4	N	1.218	0.000	0.000	1.218	149	0
4	N	0.000	0.000	0.000	0.000	90	0
4	N	0.938	0.821	0.750	0.836	1065	1024
4	N	1.294	0.000	0.000	1.294	300	0
4	N	1.627	1.774	2.667	2.023	2307	2250
4	N	1.056	1.075	1.246	1.126	825	712
4	N	1.189	1.254	1.254	1.232	972	800
4	N	1.435	1.576	1.576	1.529	606	610
4	N	1.628	1.723	1.338	1.563	920	909
4	N	1.035	1.050	1.158	1.081	535	507
4	N	0.838	0.843	0.824	0.835	1974	1838
4	N	0.155	0.000	0.000	0.155	201	0
4	N	0.689	0.698	1.142	0.133	1238	1379
4	N	1.012	0.912	0.606	0.843	1265	1098
4	N	0.851	0.796	0.501	0.716	4574	3985
4	N	1.433	1.413	1.042	1.296	964	814
4	N	0.439	0.373	0.215	0.342	269	255
4	N	2.412	1.509	0.000	1.961	940	698
4	N	1.059	1.102	0.725	0.962	1475	1447
4	N	1.362	1.089	1.000	1.150	1191	1022
4	N	1.296	1.846	1.282	1.475	1504	1416
4	N N	1.206	1.345	1.103	1.473	2111	1756
4	N N	1.390	1.288	1.342	1.218	1162	959
4	N	0.602	0.000	0.000	0.602	65	13
4	N	2.141	1.802	1.183	1.709	873	863
4	N	0.654	0.674	0.450	0.593	611	462
4	N N	0.054	0.074	0.430	0.393	77	0
4							
4	N N	1.127	1.068 1.581	0.815	1.003	631	514
4	N N	1.920	1.702			1037 4289	648 3912
4	N N	1.706 1.596	1.037	1.621 1.318	1.676 1.317	1669	1564
4	N N	0.327	0.500	0.211	0.346	239	293
4	N N	0.327	0.333	0.211	0.340	161	156
4		1.027		0.424			
	N		1.007		0.819 1.100	268	195
4	N	1.275	0.924	0.000		1984	1750
4	N N	1.252	1.211	1.138	1.200	1672	
4	N	1.771	1.810	1.863	1.815	6310 8	6252
4	N	0.000	0.000	0.000	0.000		0
4	N	0.732	0.364	1.583	0.893	313	286
4	N	1.719	1.811	1.625	1.718	1132	984
4	N	1.660	1.447	1.200	1.436	409	364
4	N	1.089	1.256	1.472	1.272	700	652
4	N	1.140	0.000	0.000	1.140	53	0
4	N	1.154	1.429	0.934	1.172	562	483
4	N	0.171		0.000	0.171	52	3
4	N	1.613	1.403	1.686	1.567	1732	1259

4	N	2.336	1.858	1.943	2.046	1915	1751
4	N	1.150	1.287	1.206	1.214	1503	1303
4	N	0.943	0.784	0.679	0.802	461	358
4	N	0.867	0.840	0.714	0.807	1292	1206
4	N	1.459	1.070	1.009	1.179	957	813
4	N	1.356	1.743	1.238	1.446	1027	1265
4	N	1.712	2.321	1.475	1.836	1234	989
4	N	0.929	0.797	0.784	0.837	1292	1169
4	N	0.431	0.000	0.000	0.431	1213	0
4	N	0.777	0.915	0.833	0.842	903	807
4	N	1.882	2.085	2.097	2.021	4511	4408
4	N	1.252	1.209	1.597	1.353	1686	1571
4	N	1.457	1.370	1.034	1.287	1092	1078
4	N	1.580	1.241	1.370	1.397	8986	7814
4	N	2.144	1.630	1.711	1.828	3198	2849
4	N	1.483	1.356	1.200	1.346	3546	3414
4	N	0.890	0.000	0.000	0.890	388	0
4	N	1.263	2.054	1.825	1.714	963	997
4	N	1.027	0.940	0.704	0.890	1170	1077
4	N	2.482	1.895	1.481	1.953	2817	2547
4	N	1.777	1.877	1.429	1.694	3936	3757
4	N	0.624	0.758	0.000	0.691	1177	1196
4	N	1.138	1.124	0.896	1.053	2320	2355
4	N	0.825	0.985	0.882	0.897	742	750
4	N	1.837	1.909	0.002	1.873	1609	1475
4	N	1.195	1.165	1.129	1.163	7403	6683
4	N	1.022	1.176	1.129	1.159	2441	2336
4	N	0.627	0.786	0.765	0.726	1086	1011
4	N	1.382	0.000	0.000	1.382	1017	0
4	N	0.895	0.000	0.000	0.895	573	0
4	N	0.833	0.938	0.858	0.845	1695	1832
4	N N	1.029	0.938	0.000	1.029	398	0
4	N	0.660	0.742	0.619	0.674	932	770 4429
4	N N	1.226				4612 12400	
4	N N	1.430 1.736	1.557	1.227 1.101	1.405	1421	
4		0.824	1.234 0.895		1.357 0.797		1303 302
4	N N	1.593		0.671 0.000	1.607	311 2506	2079
		1.966	1.621	2.146		2549	
4	N		2.038		2.050		2514
4	N	2.192	1.961	2.086	2.080	10313	9692
4	N	1.619	1.887	1.689	1.732	904	883
4	N	1.742	1.847	1.718	1.769	6178	
4	N	2.055	2.186	1.896	2.046	558	459
4	N	0.184	0.000	0.000	0.184	79	0
4	N	1.125	0.973	0.726	0.941	214	119
4	N	1.776	2.396	1.579	1.917	1469	1367
4	N	1.508	1.235	0.623	1.122	1142	586
4	N	1.389	1.538	0.000	1.464	906	910
4	N	0.755	0.667	1.021	0.814	577	557
4	N	1.215	1.139		1.121		6861
4	N	1.063	1.082	0.000	1.073	1079	972

4	N	0.707	0.406	0.000	0.557	414	388
4	N	1.197	1.585	0.951	1.244	790	726
4	N	0.961	1.046	0.775	0.927	738	775
4	N	1.326	1.220	1.436	1.327	433	353
4	N	1.230	1.109	1.238	1.192	565	424
4	N	2.034	1.462	1.260	1.585	1032	947
4	N	0.632	0.699	0.648	0.660	861	916
4	N	0.642	0.766	0.722	0.710	1275	1106
4	N	2.320	1.914	1.696	1.977	2874	2406
4	N	1.882	1.983	1.951	1.939	1960	1420
4	N	1.367	1.446	1.292	1.368	1925	1818
4	N	1.949	1.204	1.565	1.573	846	471
4	N	1.968	1.917	0.851	1.579	487	468
4	N	0.696	0.745	0.734	0.725	3332	3435
4	N	1.402	1.356	1.020	1.259	2646	2392
4	N	1.105	1.050	1.108	1.088	749	665
4	N	1.953	1.273	0.956	1.394	1643	1358
4	N	1.570	1.913	1.091	1.525	1177	884
4	N	1.934	1.827	1.348	1.703	3671	3712
4	N	0.500	0.683	0.000	0.592	118	95
4	N	1.395	1.328	1.102	1.275	840	669
4	N	1.206	1.365	1.303	1.273	2593	2667
4	N	0.757	0.695	0.514	0.655	1926	1442
4	N	0.737	0.093	0.474	0.055	336	287
4	N N	0.323	0.564				234
				0.290	0.556	382	
4	N	2.176	1.875	1.836	1.962	6955	6463
4	N	0.921	0.890	0.963	0.925	1639	1265
4	N	1.417	1.646	1.444	1.502	912 1055	728
	N	1.846	2.266	1.432	1.848		1012
4	N	1.404	1.433	2.481	1.773	842	726
4	N	0.953	1.000	0.000	0.977	464	451
4	N	1.503	1.492	1.048	1.348	853	817
4	N	1.224	1.112	1.018	1.118	1323	1194
4	N	1.181	1.087	1.151	1.140	3751	3543
4	N	2.205	2.409	1.585	2.066	1661	1506
4	N	1.065	0.000	0.000	1.065	176	0
4	N	1.805	2.217	2.207	2.076	5812	5757
4	N	0.479	0.337	0.436	0.417	220	171
4	N	0.583	0.565	0.797	0.648	617	610
4	N	2.133	2.077	1.933	2.048	5457	5019
4	N	1.587	1.143	0.953	1.228	1982	1554
4	N	1.770	1.943	1.522	1.745	1592	
4	N	1.173	0.820	0.663	0.885	469	415
4	N	0.283	0.000	0.000	0.283	171	0
4	N	0.554	0.000	0.000	0.554	624	0
4	N	1.185	1.416	1.134	1.245	750	643
4	N	0.952	0.892	0.970	0.938	998	862
4	N	2.250	1.953	1.659	1.954	1571	1335
4	N	2.231	1.970	1.773	1.991	3036	2671
4	N	1.498	1.405		1.391	2228	2088
4	N	1.222	0.961	1.074	1.086	1004	718

4	N	0.333	0.000	0.000	0.333	21	0
4	N	1.272	1.257	0.888	1.139	1248	1174
4	N	0.124	0.007	0.023	0.051	69	72
4	N	0.607	0.000	0.000	0.607	477	()
4	N	0.172	0.000	0.000	0.172	39	0
4	N	0.568	0.000	0.000	0.568	559	0
4	N	0.175	0.223	0.151	0.183	379	774
4	N	0.233	0.000	0.000	0.233	36	0
4	N	1.714	1.268	1.092	1.358	553	468
4	N	0.542	0.470	0.576	0.529	1310	1228
4	N	0.170	0.167	0.176	0.171	37	25
4	N	1.862	1.546	1.321	1.576	742	775
4	N	0.353	0.197	0.000	0.275	128	17
4	N	1.126	1.490	1.307	1.308	1071	968
4	N	1.674	1.696	1.626	1.665	2845	2525
4	N	0.626	0.000	0.000	0.626	162	0
4	N	0.064	0.000	0.000	0.064	73	0
4	N	1.315	1.049	1.317	1.227	539	443
4	N	0.309	0.210	0.197	0.239	254	164
4	N	1.572	1.577	1.533	1.561	1933	1653
4	N	0.656	0.373	0.296	0.442	928	743
4	N	2.018	1.877	1.801	1.899	14203	12793
4	N	2.574	1.675	0.827	1.692	867	665
4	N	0.309	0.141	0.000	0.225	99	24
4	N	1.517	0.815	1.267	1.200	439	327
4	N	1.165	0.952	1.333	1.150	716	600
4	N	0.805	0.786	0.562	0.718	322	263
4	N	2.397	1.939	1.512	1.949	4944	4789
4	N	1.175	0.000	0.000	1.175	238	0
4	N	1.583	1.495	0.977	1.352	823	734
4	N	0.875	0.939	0.778	0.864	432	424
4	N	0.636	0.590	0.776	0.521	509	532
4	N	2.026	1.871	1.486	1.794	4670	4330
4	N	1.859	1.844	1.494	1.732	708	666
4	N	1.246	2.123	1.208	1.526	353	431
4	N	2.863	1.200	1.103	1.722	257	113
4	N	1.741	0.922	1.277	1.313	236	149
4	N	2.093	2.032	2.023	2.049	3263	3151
4	N	0.793	0.800	0.000	0.797	429	385
4	N	0.736	0.000	0.000	0.136	353	0
4	N	1.757	1.379	0.943	1.360	3207	2974
4	N	1.642	0.000	0.000	1.642	581	0
4	N	1.042	0.731	0.606	0.791	381	298
4	N	0.091	0.000	0.000	0.091	14	0
4	N	1.231	1.258	1.337	1.275	2552	2962
4	N N	1.251	2.324	2.167	1.275	476	489
4	N N	0.136	0.000	0.000	0.136	11	0
4	N N	0.136	0.609	0.477	0.136	502	325
4	N	1.393	1.416	1.276	1.362	4499	4109
4	N	1.036	0.922		0.816	293	258
4	N	0.473	0.451	0.284	0.403	560	590

4	N	0.206	0.000	0.000	0.206	257	0
4	N	0.375	0.393	0.715	0.494	192	183
4	N	0.506	0.000	0.000	0.506	388	0
4	N	0.459	0.621	0.458	0.513	520	499
4	N	1.297	1.536	1.338	1.390	182	145
4	N	2.133	2.156	1.670	1.986	2230	2054
4	N	1.227	1.134	1.356	1.239	724	675
4	N	0.824	0.583	0.542	0.650	492	379
4	N	0.617	0.356	0.295	0.423	215	228
4	N	0.523	0.467	0.375	0.455	536	429
4	N	1.543	1.514	1.607	1.555	3284	3043
4	N	0.102	0.100	0.080	0.094	99	82
4	N	1.333	1.121	1.229	1.228	1862	1505
4	N	2.019	1.395	1.162	1.525	1033	810
4	N	0.330	0.217	0.193	0.247	492	429
4	N	0.092	0.000	0.000	0.092	14	0
4	N	2.097	1.450	1.225	1.591	4980	4080
4	N	1.959	1.825	1.831	1.872	869	779
4	N	1.136	1.000	0.808	0.981	975	981
4	N	1.690	1.057	1.451	1.399	1606	1156
4	N	1.989	1.800	1.543	1.777	1097	1012
4	N	1.562	1.421	1.295	1.426	2647	2540
4	N	1.850	1.883	1.644	1.792	4529	4450
4	N	1.244	1.045	1.070	1.120	1682	1488
4	N	1.163	1.042	0.846	1.017	655	514
4	N	1.614	1.627	0.000	1.621	912	810
4	N	0.277	0.000	0.000	0.277	346	0
4	N	0.706	0.000	0.000	0.706	386	0
4	N	0.756	0.709	0.714	0.726	854	761
4	N	1.330	1.611	0.978	1.306	476	407
4	N	2.444	1.669	1.671	1.928	1732	1338
4	N	0.867	0.759	0.366	0.664	127	94
4	N	2.167	2.139	1.390	1.899	260	176
4	N	0.220	0.000	0.000	0.220	37	4
4	N	0.308	0.269	0.151	0.243	463	437
4	N	1.452	1.578	1.347	1.459	443	421
4	N	1.295	1.403	0.944	1.214	988	942
4	N	0.036	0.000	0.000	0.036	13	()
4	N	1.402	1.529	1.327	1.419	1886	1879
4	N	0.000	0.000	0.000	0.000	40	()
4	N	0.000	0.000	0.000	0.000	44	0
4	N	0.000	0.000	0.000	0.000	32	()
4	N	0.000	0.000	0.000	0.000	12	()
4	N	0.000	0.000	0.000	0.000	21	()
4	N	0.000	0.000	0.000	0.000	22	()
4	N	0.000	0.000	0.000	0.000	32	0
4	N	0.000	0.000	0.000	0.000	11	()
4	N	0.685	0.911	0.889	0.828	421	427
4	N	0.533	0.674	0.516	0.574	560	639
4	N	1.984	1.920	0.000	1.952	402	219
4	N	1.192	1.179	1.208	1.193	1037	905

4	N	0.436	0.000	0.000	0.436	115	0
4	N	1.219	1.215	1.241	1.225	978	816
4	N	1.606	1.715	1.535	1.619	787	625
4	N	2.012	1.596	1.675	1.761	462	420
4	N	2.528	1.937	1.539	2.001	400	348
4	N	0.776	0.814	0.601	0.730	1441	1474
4	N	0.416	0.373	0.437	0.409	228	247
4	N	1.392	0.000	0.000	1.392	232	0
4	N	1.503	1.541	1.548	1.531	1110	1132
4	N	0.970	0.918	1.505	1.131	924	877
4	N	0.064	0.000	0.000	0.064	61	0
4	N	0.451	0.355	0.379	0.395	679	677
4	N	0.247	0.277	0.297	0.274	192	141
4	N	2.126	1.703	1.435	1.755	935	565
4	N	1.047	1.359	1.443	1.283	1228	1273
4	N	1.538	1.532	1.344	1.471	798	808
4	N	2.034	1.212	1.659	1.635	979	794
4	N	0.077	0.069	0.020	0.055	26	18
4	N	0.796	1.095	0.645	0.845	915	820
4	N	0.733	0.734	0.473	0.647	1627	1477
4	N	0.448	0.000	0.000	0.448	273	0
4	N	0.125	0.147	0.162	0.145	79	115
4	N	1.277	1.634	1.634	1.515	2841	2564
4	N	1.120	1.435	1.006	1.187	1582	1543
4	N	0.131	0.131	0.172	0.145	569	534
4	N	0.596	0.933	0.828	0.786	594	534
4	N	2.211	2.083	1.750	2.015	688	587
4	N	0.953	0.987	1.750	1.098	427	410
4	N	1.938	0.937	0.000	1.438	332	167
4	N	0.161	0.111	0.065	0.112	154	151
4	N	1.861	1.727	1.326	1.638	1011	852
4	N	1.377	1.216	1.225	1.273	1609	1557
4	N		1.160	0.649	0.993	690	626
4	N	1.381	1.420	1.051	1.284	132	150
4	N	2.147	1.752	1.992	1.264	2321	2301
4	N	1.879	1.667	1.293	1.613	842	798
4	N	1.805	1.904	2.163	1.957		17747
4	N	1.925	2.200	2.103	2.070	28882	28223
4	N	0.112	0.126	0.000	0.119	86	66
4	N	1.732	1.158	0.589	1.160	1117	1024
4	N	0.173	0.095	0.073	0.114	101	1024
4	N	1.897	1.727	1.078	1.567	1120	1052
4	N	0.054	0.000	0.000	0.054	3	0
4	N	0.034	0.779	0.752	0.841	700	588
4	N N	0.992	0.779	0.732	0.075	50	0
							0
4	N	0.573	0.000	0.000	0.573	292	
4	N N	1.315	1.706	1.299	1.440	2072	2329 621
	N N	1.867	1.850	1.250	1.656	568	
4	N N	0.634	0.430	0.366	0.477	451	431
4	N N	0.798	1.165	1.149	1.037	417	441
4	N	0.487	0.660	0.000	0.574	425	466

4	N	0.907	0.702	0.573	0.727	1341	1086
4	N	1.075	0.962	0.817	0.951	721	547
4	N	0.820	0.000	0.000	0.820	380	()
4	N	0.691	1.246	0.000	0.969	464	481
4	N	1.541	0.910	0.782	1.078	609	537
4	N	1.798	1.538	1.748	1.695	2828	2555
4	N	1.215	1.265	1.062	1.181	500	494
4	N	0.379	0.000	0.000	0.379	97	0
4	N	1.962	0.000	0.000	1.962	870	0
4	N	0.724	0.000	0.000	0.724	169	0
4	N	1.065	1.096	0.000	1.081	617	510
4	N	1.143	1.092	1.493	1.243	588	547
4	N	1.143			0.915	2170	
			0.866	0.683			1890
4	N	1.593	1.656	1.892	1.714	736	676
4	N	0.311	0.000	0.000	0.311	23	0
4	N	0.375	0.000	0.000	0.375	28	0
4	N	1.698	1.549	1.326	1.524	950	929
4	N	1.124	1.324	1.141	1.196	1508	1499
4	N	0.718	0.919	1.054	0.897	471	458
4	N	0.650	1.833	0.000	1.242	103	109
4	N	1.907	2.207	1.438	1.851	2231	2444
4	N	1.588	1.524	1.597	1.570	5175	4573
4	N	1.478	1.209	1.347	1.345	906	829
4	N	0.123	0.000	0.000	0.123	56	()
4	N	2.112	1.336	2.444	1.964	2970	2833
4	N	1.256	0.764	1.186	1.069	1454	1375
4	N	0.157	0.000	0.000	0.157	131	()
4	N	1.234	1.545	1.227	1.335	834	892
4	N	1.683	1.089	1.398	1.390	2188	1981
4	N	0.356	0.222	0.157	0.245	133	146
4	N	1.927	1.369	1.341	1.546	817	721
4	N	1.148	1.000	1.097	1.082	1510	1500
4	N	0.690	0.670	0.649	0.670	1294	1046
4	N	1.288	1.317	1.250	1.285	977	903
4	N	0.615	0.743	1.432	0.930	1131	999
4	N	1.406	0.746	0.000	1.076	399	296
4	N	1.000	1.133	0.791	0.975	1143	1139
4	N	1.028	1.093	1.063	1.061	1388	1376
4	N	1.530	1.579	1.638	1.582	2960	2602
4	N	1.922	2.087	1.945	1.985	1681	1453
4	N	2.336	2.015	1.854	2.068	1973	1777
4	N	1.499	1.581	1.592	1.557	10077	9155
4	N	1.000	1.024	0.757	0.927	853	881
4	N	1.607	0.000	0.000	1.607	446	0
4	N	1.245	1.431	1.692	1.456	2596	2532
4	N	0.573	0.548	0.652	0.591	328	305
4	N	0.000	0.000	0.000	0.000	5	0
4	N	0.543	0.573	0.693	0.603	1167	1146
4	N	0.594	0.588	0.581	0.588	2306	2176
4	N	0.157	0.000	0.000	0.157	38	0
4	N	0.937	1.294	0.781	1.004	732	750
	- 1	0.701		0.,01	2.00	,	, 00

4	N	1.435	1.410	1.410	1.418	2332	2134
4	N	1.136	0.870	0.701	0.902	1703	1542
4	N	1.463	1.409	1.339	1.404	8010	7330
4	N	1.578	1.590	1.561	1.576	5257	5479
4	N	0.694	0.000	0.000	0.694	211	0
4	N	0.215	0.000	0.000	0.215	41	0
4	N	1.797	1.660	1.606	1.688	1682	1512
4	N	2.765	0.938	0.000	1.852	815	697
4	N	1.306	1.537	0.000	1.422	302	273
4	N	0.203	0.000	0.000	0.203	198	0
4	N	0.588	0.000	0.000	0.588	156	0
4	N	2.031	1.874	1.652	1.852	2044	2147
4	N	1.426	1.240	1.429	1.365	355	354
4	N	1.165	0.736	0.713	0.871	715	460
4	N	2.053	0.000	0.000	2.053	90	13
4	N	1.701	2.152	1.776	1.876	873	738
4	N	1.721	1.473	1.512	1.569	5094	4027
4	N	2.410	1.818	1.547	1.925	860	714
4	N	0.800	0.960	0.953	0.904	998	1008
4	N	1.521	1.349	1.371	1.414	2182	2145
4	N	1.152	1.260	1.272	1.228	648	622
4	N	1.219	1.029	1.080	1.109	1918	1973
4	N	0.414	0.424	0.331	0.390	428	420
4	N	1.975	2.219	1.792	1.995	4480	4006
4	N	2.149	1.469	1.461	1.693	2562	2145
4	N	0.369	0.541	0.724	0.545	520	513
4	N	1.151	1.030	0.868	1.016	1792	1823
4	N	1.587	1.270	1.359	1.405	2043	2078
4	N	1.031	1.039	1.000	1.023	2156	2145
4	N	1.163	1.156	1.238	1.186	1139	1036
4	N	0.916	0.746	0.581	0.748	1641	1474
4	N	1.577	1.000	0.761	1.113	809	772
4	N	0.794	0.897	0.720	0.804	825	846
4	N	0.707	0.677	0.737	0.707	1295	1190
4	N	1.497	1.505	1.375	1.459	3396	3135
4	N	0.967	0.886	0.836	0.896	2194	2125
4	N	1.816	1.883	2.267	1.989	4483	4392
4	N	1.186	1.186	0.991	1.121	4583	3692
4	N	0.840	0.525	0.667	0.677	556	549
4	N	0.945	0.964	0.690	0.866	2475	2195
4	N	1.573	1.862	1.505	1.647	1742	1808
4	N	0.252	0.000	0.000	0.252	43	0
4	N	1.684	1.424	1.371	1.493	8046	7285
4	N	1.462	1.360	1.617	1.480	4707	4285
4	N	0.642	0.667	0.750	0.686	604	527
4	N	1.636	1.908	1.995	1.846	2652	2831
4	N	0.798	0.714	0.000	0.756	135	89
4	N	1.084	1.071	0.695	0.950	768	686
4	N	1.000	1.103	1.062	1.055	207	211
4	N	0.672	0.488	0.364	0.508	1051	846
4	N	0.895	0.975	0.876	0.915	722	722

4	N	0.155	0.180	0.257	0.197	166	250
4	N	1.957	1.652	0.773	1.461	208	157
4	N	0.919	1.016	0.764	0.900	786	666
4	N	1.833	1.894	1.195	1.641	1750	1775
4	N	0.812	0.858	0.775	0.815	2782	2856
4	N	0.831	1.058	0.478	0.789	366	512
4	N	1.548	0.877	0.382	0.936	395	353
4	N	1.604	1.476	1.081	1.387	1085	1074
4	N	1.756	1.785	1.230	1.590	905	556
4	N	0.333	0.000	0.000	0.333	112	0
4	N	0.674	0.612	0.429	0.572	224	156
4	N	1.430	1.653	1.505	1.529	1809	1658
4	N	0.773	0.561	0.452	0.595	738	737
4	N	1.746	1.772	1.430	1.649	5378	4398
4	N	2.021	0.000	0.000	2.021	737	0
4	N	2.037	1.960	1.848	1.948	9863	8715
4	N	0.529	0.000	0.000	0.529	12	0
4	N	0.051	0.000	0.000	0.051	16	0
4	N	0.031	0.000	0.000	0.031	18	0
4	N	0.149	1.217	0.000	1.037	1191	1280
4	N N	1.384	1.587	1.218	1.396	3545	3631
4	N N	1.297	1.248	0.000	1.273	764	742
4	N	1.707		1.319			
			1.596		1.541 0.502	4005	3895 2093
4	N	0.416	0.593	0.496		1922	
4	N	0.809	0.558	0.552	0.640	476	449
4	N	0.325	0.308	0.381	0.338	31	21
4	N	0.423	1.500	1.643	1.189	192	198
4	N	0.192	0.000	0.000	0.192	34	0
4	N	0.611	0.625	0.329	0.522	908	1070
4	N	2.530	1.366	2.000	1.965	2470	2148
4	N	2.096	2.062	2.024	2.061	912	828
4	N	0.563	0.377	0.526	0.489	452	456
4	N	1.875	1.514	0.000	1.695	552	249
4	N	0.103	0.000	0.000	0.103	19	0
4	N	0.241	0.000	0.000	0.241	79	0
4	N	1.326	1.394	1.181	1.300	1743	1582
4	N	0.702	0.000	0.000	0.702	157	0
4	N	0.070	0.000	0.000	0.070	48	0
4	N	0.252	0.000	0.000	0.252	197	0
4	N	1.213	0.000	0.000	1.213	120	0
4	N	0.057	0.000	0.000	0.057	10	0
4	N	0.508	0.000	0.000	0.508	75	0
4	N	0.973	0.750	0.603	0.775	300	246
4	N	2.152	1.568	1.192	1.637	713	474
4	N	0.241	0.000	0.000	0.241	20	0
4	N	1.637	1.417	1.441	1.498	1125	1073
4	N	0.072	0.202	0.248	0.174	41	69
4	N	1.713	2.153	2.199	2.022	2568	2564
4	N	1.261	1.204	1.029	1.165	1811	1472
4	N	0.000	0.000	0.000	0.000	52	0
4	N	0.813	0.519	0.559	0.630	847	799

4	N	1.325	1.299	1.378	1.334	3220	3121
4	N	2.016	1.760	1.104	1.627	1865	1423
4	N	0.635	0.811	0.728	0.725	1790	1784
4	N	2.025	2.266	1.755	2.015	2143	2101
4	N	1.454	0.955	0.967	1.125	1028	865
4	N	0.481	0.531	0.505	0.506	791	721
4	N	2.822	1.796	0.926	1.848	246	93
4	N	0.412	0.000	0.000	0.412	54	0
4	N	1.798	2.353	1.968	2.040	2112	2045
4	N	0.667	0.767	0.000	0.717	423	363
4	N	0.840	0.657	0.623	0.707	1106	1069
4	N	1.514	1.457	1.000	1.324	2183	1989
4	N	1.524	1.521	0.000	1.523	1735	1544
4	N	1.935	1.985	1.931	1.950	2164	2176
4	N	1.853	1.849	1.847	1.850	1715	1417
4	N	0.108	0.000	0.000	0.108	11	0
4	N	0.589	0.000	0.000	0.589	491	0
4	N	0.338	0.000	0.000	0.338	222	0
4	N	1.391	0.000	0.000	1.391	658	0
4	N	0.883	0.935	0.000	0.909	330	437
4	N	0.410	0.000	0.000	0.410	160	0
4	N	0.410	0.300	0.263	0.410	1269	1286
4	N	0.584	0.734	0.724	0.512	484	653
4	N	0.043	0.734	0.724	0.031	8	19
4	N	1.402	0.038	0.570	0.902	585	641
4	N	0.386	0.754	0.000	0.386	346	041
4							
4	N N	0.994	1.263	1.089	1.115 0.765	713	661 0
4	N N	0.765 0.725	0.000	0.000		171 176	0
			0.000	0.000	0.725 0.252	232	
4	N	0.275					186
	N	1.275	1.293	0.000	1.284	237	278
4	N	0.505	0.443	0.324	0.424	353	379
4	N	0.608	0.000	0.000	0.608	796	0
4	N	0.017	0.000	0.000	0.017	1	0
4	N	0.533	0.371	0.588	0.497	747	731
4	N	0.487	0.444	0.345	0.425	1186	1137
4	N	0.508	0.560	0.466	0.511	1022	1061
4	N	0.054	0.000	0.000	0.054	8	1400
4	N	0.605	0.508	0.448	0.520	1506	1498
4	N	1.234	1.083	0.736	1.018	2036	1845
4	N	0.309	0.000	0.000	0.309	361	0
4	N	0.104	0.000	0.000	0.104	137	0
4	N	0.480	0.000	0.000	0.480	69	0
4	N	0.736	0.914	0.568	0.739	1652	1445
4	N	0.349	0.000	0.000	0.349	250	0
4	N	1.493	1.327	1.270	1.363	2154	1831
4	N	2.182	1.845	1.250	1.759	1266	1031
4	N	0.061	0.000	0.000	0.061	21	0
4	N	2.025	1.639	1.882	1.849	2089	1835
4	N	0.105	0.000	0.000	0.105	15	0
4	N	0.457	0.517	0.000	0.487	27	22

4	N	0.429	0.588	0.265	0.427	166	183
4	N	0.000	0.000	0.000	0.000	4	()
4	N	0.409	0.000	0.000	0.409	21	()
4	N	1.325	1.038	1.268	1.210	2394	2391
4	N	0.053	0.000	0.000	0.053	34	()
4	N	0.746	0.000	0.000	0.746	488	()
4	N	1.056	1.267	1.681	1.335	572	748
4	N	0.510	0.396	0.329	0.412	1494	1318
4	N	1.070	0.908	1.069	1.016	565	479
4	N	1.380	1.363	1.235	1.326	2614	2632
4	N	2.084	1.980	1.758	1.941	7706	7957
4	N	2.108	2.186	1.928	2.074	4002	3745
4	N	1.700	1.678	1.209	1.529	3530	3718
4	N	0.546	0.588	0.531	0.555	1337	1240
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fel	4	N Y	1.912	1.333	0.000	1.623 31.555	265	89
<u>귀</u>	1	Y	34.480	31.434	28.751		483039	443967
刊 11	1	Y	9.432	9.380	9.598	9.470	451386	416018
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테 -	2	N	2.295	2.282	1.520	2.032	9246	8012
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기 기	3	N	1.600	1.786	0.000	1.693	144	59
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<u> </u>	4	N	0.118	0.000	0.434	0.276	125	0
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귀 귀	4	N N	0.204 0.782	0.152 0.774	0.106 0.800	0.154 0.785	305 6499	241 5611
기 귀	4	N	0.782	0.774	0.300	0.763	177	98
U 刊	4	N	0.227	0.118	0.141	0.102	352	294
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· 기	4	N	0.387	0.625	0.154	0.389	104	109
7]	4	N	0.222	0.360	0.154	0.245	105	61
i	4	N	0.194	0.333	0.194	0.240	362	221
Ð	4	N	0.214	0.250	0.045	0.170	204	119
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-ij	4	N	0.310	0.353	0.322	0.328	374	311
기 귀	4	N	0.111	0.525	0.347	0.328	326	369

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