

科技信息检索与利用

第六讲2

宋秀芳

中国科学院文献情报中心



主要内容

Histcite





一、Histcite功能

History of Cite 引文分析工具

统计分析：重要作者、机构、来源出版物=WOS 检索结果分析

机构可以分析二级机构

除了WOS引用外，增加本文献集/本地被引

作图分析：引文作图，了解领域发展脉络

锁定重要文献





二、数据来源与加载

WOS核心合集检索结果导出：

全记录+引用的参考文献

纯文本

(每个纯文本第一句修改)

FN Clarivate Analytics Web of ScienceVR



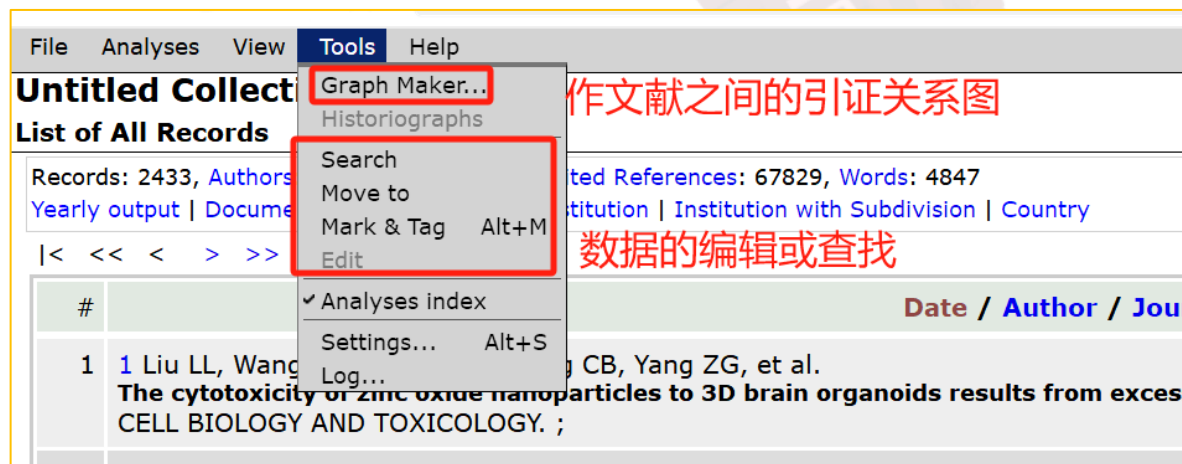
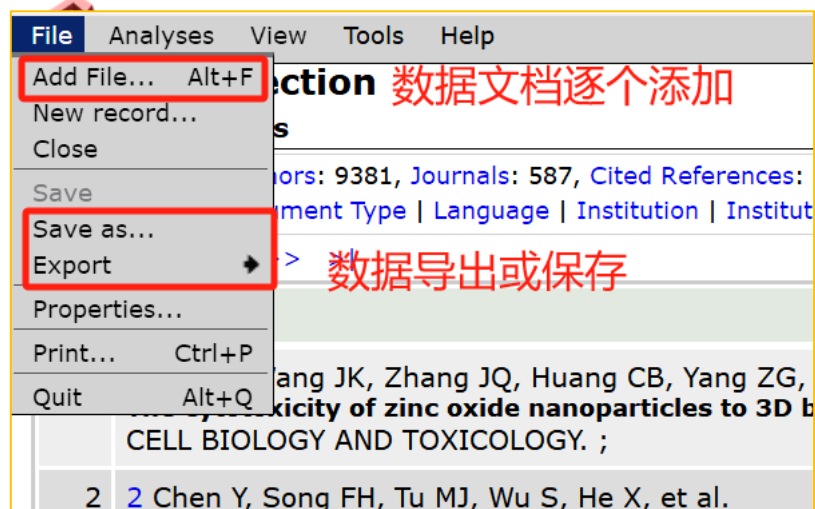
FN **Thomson Reuters Web of Knowledge**VR

FN Clarivate Analytics Web of ScienceVR 1.OPT JAU Reddy, MD Kumar, KA Rao, KVA Reddy, MD Kumar, KA Rao, KVTI Production efficiency of rainy-season maize (Zen mays)-based cropping systems

数据加载：鼠标拖拽



名称	修改日期	类型
1-500	2013-12-30 16:51	文本文档
501-1000	2013-12-30 16:53	文本文档
1001-1500	2013-12-30 16:55	文本文档
1501-2000	2013-12-30 16:56	文本文档
2001-2500	2013-12-30 16:57	文本文档
2501-3000	2013-12-30 16:58	文本文档
3001-3207	2013-12-31 10:17	文本文档





标准视图：用户指南中描述的数据的标准显示

文献计量视图：显示了几个额外的参数，这些参数可能对具有更多分析性或专门需求的用户有用

自定义视图：显示用户通过视图菜单中的“自定义”对话框选择的记录显示参数和显示样式

自定义菜单选项：允许用户从标准视图和文献计量视图中选择用户想要显示的参数





Untitled Collection

导航条

List of All Records

Records: 2495, Authors: 7571, Journals: 412, Cited References: 74252, Words: 5610
Yearly output | Document Type | Language | Institution | Institution with Subdivision | Country

类似于WOS分析检索结果

引用次数、参考文献、时间跨度等

WOS核心合集被引次数

本集中被引次数

LCS GCS ICR CR

引用本集中的文献

全部参考文献

#	Date / Author / Journal	LCS	GCS	ICR	CR
1	1 Zhai HW, Zhang XY, You YR, Lin LH, Zhou WK, et al. SEUSS integrates transcriptional and epigenetic control of root stem cell organizer specification EMBO JOURNAL. ; : Art. No. e105047	0	0	5	70
2	2 Chen W, Jia PF, Yang WC, Li HJ Plasma membrane H⁺-ATPases-mediated cytosolic proton gradient regulates pollen tube growth JOURNAL OF INTEGRATIVE PLANT BIOLOGY. ;	0	0	6	30
3	3 Cui M, Gu MJ, Lu YR, Zhang Y, Chen CL, et al. Glutamate synthase 1 is involved in iron-deficiency response and long-distance transportation in Arabidopsis JOURNAL OF INTEGRATIVE PLANT BIOLOGY. ;	0	0	5	52
4	4 Zhou LW, Du F, Feng SL, Hu JR, Lu SQ, et al. Epidermal restriction confers robustness to organ shapes JOURNAL OF INTEGRATIVE PLANT BIOLOGY. ;	0	0	3	49
5	5 Wang SX, Zong Y, Lin QP, Zhang HW, Chai ZZ, et al. Precise, predictable multi-nucleotide deletions in rice and wheat using APOBEC-Cas9 NATURE BIOTECHNOLOGY. ;	0	1	5	44
6	6 He M, Su J, Xu YP, Chen JH, Chern M, et al. Discovery of broad-spectrum fungicides that block septin-dependent infection processes of pathogenic fungi NATURE MICROBIOLOGY. ;	0	0	1	56
7	7 Liu MX, Jia N, Li XL, Liu RJ, Xie Q, et al. CERBERUS is critical for stabilization of VAPYRIN during rhizobial infection in Lotus japonicus NEW PHYTOLOGIST. ;	0	0	3	50



软件术语

(T)LCS	(Total) Local cited score
(T)GCS	(Total) Global cited score
LCR	Local cited reference
CR	cited reference





三、统计分析

分
析
字
段

Records 集合中文献数量

Authors 作者（全部）

Journals 期刊

Cited References 被引文献（参考文献）

Words 文章标题词（默认）

Yearly output 出版年

Document Type 文献类型

Language 语言

Institution 机构

Institution with Subdivision 机构细分（系、所、实验室等）

Country 国家



统计字段/功能	WOS核心合集	Histcite
出版年	有	有
作者	有	有
通讯作者	可以	可以
机构	有	有
机构细分	有	有
国家/地区	有	有
出版物标题/期刊	有	有
文献类型	有	有
学科类别	有	无
研究方向	有	无
基金资助机构/授权号	有	无
关键词/主题词	无	有
WOS被引次数	有	有
本文献集合被引次数	无	有
高被引论文/热点论文	有	无
引证关系图	无	有
文献编辑	不可以	可以



3.1 文献分析

Records: 6565, Authors: 15371, Journals: 1007, Cited References: 105243, Words: 7099

Yearly output | Document Type | Language | Institution | Institution with Subdivision | Country

< << < > >> >|

#	Date / Author / Journal	LCS	GCS	LCR	CR
1	2394 Alvira P, Tomas-Pejo E, Ballesteros M, Negro MJ Pretreatment technologies for an efficient bioethanol production process based on enzymatic hydrolysis: A review BIORESOURCE TECHNOLOGY. 2010 JUL; 101 (13): 4851-4861	371	1217	20	80
2	1926 Hendriks ATWM, Zeeman G Pretreatments to enhance the digestibility of lignocellulosic biomass BIORESOURCE TECHNOLOGY. 2009 JAN; 100 (1): 10-18	340	1327	6	107
3	1998 Kumar P, Barrett DM, Delwiche MJ, Stroeve P Methods for Pretreatment of Lignocellulosic Biomass for Efficient Hydrolysis and Biofuel Production INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH. 2009 APR 15; 48 (8): 3713-3729	236	1066	13	142
4	1353 Saha BC, Iten LB, Cotta MA, Wu YV Dilute acid pretreatment, enzymatic saccharification and fermentation of wheat straw to ethanol PROCESS BIOCHEMISTRY. 2005 DEC; 40 (12): 3693-3700	213	394	10	31
5	1832 Taherzadeh MJ, Karimi K Pretreatment of lignocellulosic wastes to improve ethanol and biogas production: A review INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2008 SEP; 9 (9): 1621-1651	211	780	21	180
6	1141 Kim S, Dale BE Global potential bioethanol production from wasted crops and crop residues BIOMASS & BIOENERGY. 2004; 26 (4): 361-375	194	754	0	20
7	2391 Talebnia F, Karakashev D, Angelidaki I Production of bioethanol from wheat straw: An overview on pretreatment, hydrolysis and fermentation BIORESOURCE TECHNOLOGY. 2010 JUL; 101 (13): 4744-4753	179	318	31	96
8	2392 Binod P, Sindhu R, Singhanian RR, Vikram S, Devi L, et al. Bioethanol production from rice straw: An overview BIORESOURCE TECHNOLOGY. 2010 JUL; 101 (13): 4767-4774	151	254	13	74
9	1244 Klinke HB, Thomsen AB, Ahring BK Inhibition of ethanol-producing yeast and bacteria by degradation products produced during pre-treatment of biomass	133	689	5	98

领域原创?



Grand Totals: LCS 23114, GCS 115951, CR 21869
Collection span: 1970 - 201

Untitled Collection

List of All Records

Records: 6565, Authors: 15371, Journals: 1007, Cited References: 105243, Words: 7099
Yearly output | Document Type | Language | Institution | Institution with Subdivision | Country

|< << < > >> >|

#	Date / Author / Journal	LCS	GCS	LCR	CR
1	5912 Akhtar N, Gupta K, Goyal D, Goyal A Recent advances in pretreatment technologies for efficient hydrolysis of lignocellulosic biomass ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY. 2016 MAR-APR; 35 (2): 489-511	1	4	63	311
2	5201 Singh J, Suhag M, Dhaka A Augmented digestion of lignocellulose by steam explosion, acid and alkaline pretreatment methods: A review CARBOHYDRATE POLYMERS. 2015 MAR 6; 117: 624-631	17	51	49	177
3	5081 van Kuijk SJA, Sonnenberg ASM, Baars JJP, Hendriks WH, Cone JW Fungal treated lignocellulosic biomass as ruminant feed ingredient: A review BIOTECHNOLOGY ADVANCES. 2015 JAN-FEB; 33 (1): 191-202	0	13	42	146
4	6062 Rouches E, Herpoel-Gimbert I, Steyer JP, Carrere H Improvement of anaerobic degradation by white-rot fungi pretreatment of lignocellulosic biomass: A review RENEWABLE & SUSTAINABLE ENERGY REVIEWS. 2016 JUN; 59: 179-198	4	8	42	200
5	4342 Knob A, Fortkamp D, Prolo T, Izidoro SC, Almeida JM Agro-residues as Alternative for Xylanase Production by Filamentous Fungi BIORESOURCES. 2014; 9 (3): 5738-5773	1	1	41	253
6	4861 Baral NR, Shah A Microbial inhibitors: formation and effects on acetone-butanol-ethanol fermentation of lignocellulosic biomass APPLIED MICROBIOLOGY AND BIOTECHNOLOGY. 2014 NOV; 98 (22): 9151-9172	6	20	41	153
7	5730 Sebayang AH, Masjuki HH, Ong HC, Dharma S, Silitonga AS, et al. A perspective on bioethanol production from biomass as alternative fuel for spark ignition engine RSC ADVANCES. 2016; 6 (18): 14964-14992	1	6	41	279

领域未被超越的技术、方法？



3.2作者分析

File Analyses View Tools Help

Untitled Collection

List of All Records

Records: 656, **Authors:** 15371, Journals: 1007, Cited References: 105243, Words: 7099
Yearly output | Document Type | Language | Institution | Institution with Subdivision | Country

|< << < > >> >|

#	Date / Author / Journal
1970	
1	1 PAULI FW HUMIFICATION OF STRAW AT DIFFERENT NITROGEN LEVELS FOLLOWED BY ACRIFLAVINE ADSORPTION AND LIGHT ABSORPTION PLANT AND SOIL. 1970; 33 (2): 313-&
1971	
2	2 ATLAVINYTE O ACTIVITY OF LUMBRICIDAE, ACARINA AND COLLEMBOLA IN STRAW HUMIFICATION PROCESS PEDOBIOLOGIA. 1971; 11 (2): 104-+
1972	
3	3 WOJCIKWOJTKOWIAK D TRANSFORMATION OF NITROGEN AND CARBON IN SOIL DURING HUMIFICATION OF STRAW LABELED WITH N15 PLANT AND SOIL. 1972; 36 (2): 261-+
1973	
4	4 WOJTASWA.M, TROJANOWSKI J, STEPNIEWSKA Z MODEL HUMIFICATION OF LIGNIN PREPARATION .1. HUMIFICATION OF BJORKMAN LIGNIN ISOLATED FROM RYE STRAW ACTA MICROBIOLOGICA POLONICA SERIES A-MICROBIOLOGIA GENERALIS. 1973; 5 (1): 37-+
1974	
5	5 HAN YW, ANDERSON AW

Untitled Collection

All-Author List (15371)

Records: 6565, Authors: 15371, Journals: 1007, Cited References: 1007

Yearly output | Document Type | Language | Institution | Ins

|< << < > >> >|

#	Author	Recs	TLCS	TGCS
1	Wanapat M	109	483	960
2	Chen HZ	59	359	988
3	Singh S	46	123	798
4	Ballesteros M	45	741	2480
5	Martinez AT	40	345	1442
6	Sun RC	40	124	754
7	Thomsen AB	40	876	2690
8	Saha BC	36	903	2671
9	Karimi K	35	503	1408
10	Cotta MA	32	802	1863
11	Zadrazil F	32	183	800
12	Cherdthong A	30	139	263
13	Kamra DN	29	121	378
14	Pandey A	29	367	1343
15	Kuhad RC	27	223	774
16	Roberto IC	27	144	627
17	Wang H	27	79	288
18	Wang YE	27	110	356

数据清洗!!!

3	Singh S	46	123	798
---	---------	----	-----	-----

发文量最多: Wanapat M

TLCS 最大: Saha BC

TGCS 最大: Thomsen AB



#	Author	Recs	TLCS	TGCS
7	Thomsen AB	40	876	2690
8	Saha BC	36	903	2671

领域影响力与全球影响力比较





3.3 期刊分析

File	Analyses	View	Tools	Help	History
Untitled Collection					Grand Totals: LCS 23114, GCS 115951, CR 115951
Journal List (1007)					Collection span: 1970

Records: 6565, Authors: 15371, Journals: 1007, Cited References: 105243, Words: 7099
[Yearly output](#) | [Document Type](#) | [Language](#) | [Institution](#) | [Institution with Subdivision](#) | [Country](#)

|< << < > >> >|

#	Journal	Recs	TLCS	TGCS
1	BIORESOURCE TECHNOLOGY	808	6552	25305
2	ANIMAL FEED SCIENCE AND TECHNOLOGY	185	635	2999
3	APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY	184	989	3656
4	ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL SCIENCES	160	407	1060
5	BIOMASS & BIOENERGY	157	1333	4668
6	BIOTECHNOLOGY FOR BIOFUELS	138	0	2727
7	BIORESOURCES	135	280	882
8	INDUSTRIAL CROPS AND PRODUCTS	102	381	1409
9	INDIAN JOURNAL OF ANIMAL SCIENCES	94	52	121
10	JOURNAL OF ANIMAL SCIENCE	76	263	1903
11	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	75	595	2737
12	PROCESS BIOCHEMISTRY	75	740	2798
13	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	69	356	1250
14	WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY	67	185	1002
15	BIOPROCESS AND BIOSYSTEMS ENGINEERING	62	152	592
16	INTERNATIONAL BIODETERIORATION & BIODEGRADATION	56	208	760



3.4 被引文献分析

File Analyses View Tools Help

Untitled Collection

Grand Totals: LCS 23114, GO

Collect

Cited Reference List (105243) including 3382 records, 59 on this page ([Hide 59 records](#))

Records: 6565, Authors: 15371, Journals: 1007, Cited References: 105243, Words: 7099

[Yearly output](#) | [Document Type](#) | [Language](#) | [Institution](#) | [Institution with Subdivision](#) | [Country](#)

|< << < > >> >|

#	Author / Year / Journal		Recs
1	MILLER GL, 1959, ANAL CHEM, V31, P426, DOI 10.1021/ac60147a030	+ WoS	702
2	VANSOEST PJ, 1991, J DAIRY SCI, V74, P3583	+ WoS	635
3	Mosier N, 2005, BIORESOURCE TECHNOLOG, V96, P673, DOI 10.1016/j.biortech.2004.06.025	+ WoS	518
4	Sun Y, 2002, BIORESOURCE TECHNOLOG, V83, P1, DOI 10.1016/S0960-8524(01)00212-7	+ WoS	478
5	GHOSE TK, 1987, PURE APPL CHEM, V59, P257, DOI 10.1351/pac198759020257	+ WoS	442
6	Alvira P, 2010, BIORESOURCE TECHNOLOG, V101, P4851, DOI 10.1016/j.biortech.2009.11.093	WoS	371
7	Hendriks ATWM, 2009, BIORESOURCE TECHNOLOG, V100, P10, DOI 10.1016/j.biortech.2008.05.027	WoS	340
8	Palmqvist E, 2000, BIORESOURCE TECHNOLOG, V74, P25, DOI 10.1016/S0960-8524(99)00161-3	+ WoS	262
9	Kumar P, 2009, IND ENG CHEM RES, V48, P3713, DOI 10.1021/ie801542g	WoS	236
10	Saha BC, 2005, PROCESS BIOCHEM, V40, P3693, DOI 10.1016/j.procbio.2005.04.006	WoS	213
11	Taherzadeh MJ, 2008, INT J MOL SCI, V9, P1621, DOI 10.3390/ijms9091621	WoS	211
12	Goering HK, 1970, AGR HDB, V379	+ WoS	208
13	Kim S, 2004, BIOMASS BIOENERG, V26, P361, DOI 10.1016/j.biombioe.2003.08.002	WoS	194



3.5 标题词（默认）分析

#	Word	Recs	TLCS	TGCS
1	STRAW	2018	10456	30517
2	PRODUCTION	1990	9411	39744
3	FERMENTATION	1357	5578	19197
4	WHEAT	857	5649	16356
5	PRETREATMENT	832	6295	19421
6	EFFECT	707	2104	8398
7	RICE	695	3499	10289
8	ETHANOL	669	4249	16217
9	USING	595	1991	8219
10	ACID	561	2248	8524
11	ENZYMATIC	551	4245	13028
12	HYDROLYSIS	530	3732	14609
13	SOLID	457	1905	8713
14	RUMEN	456	879	4044
15	BIOMASS	440	2238	11037
16	SACCHARIFICATION	434	2631	7227
17	BIOETHANOL	418	2847	9798

数据清洗!!!





Settings

Word List

- ☒ Include title words
 - ☒ Exclude stop words
 - Exclude words of characters or shorter
(use 0 to disable short word elimination)
 - ☒ Split hyphenated terms into words
 - ☐ Include Author keywords
 - ☐ Include Web of Science KeyWords Plus
 - ☒ Split multi-word terms into words
 - ☐ Split hyphenated terms into words
 - ☒ Show keywords distinctly (in *italics*, and **bold** if found in titles as well)
- Show words in ☒ UPPER CASE ☐ lower case

3.6 出版年分析

#	Publication Year	Recs	TLCS	TGCS
1	2017	176	6	17
2	2016	726	234	1186
3	2015	708	623	2952
4	2014	655	988	4747
5	2013	639	1547	6899
6	2012	598	2122	8600
7	2011	496	2126	9459
8	2010	396	2616	9855
9	2009	287	2434	10430
10	2008	224	1824	7771
11	2007	187	1447	7578
12	2006	117	850	4464
13	2005	95	660	2740
14	2004	124	969	4956
15	2003	97	397	3785
16	2002	80	319	5262
17	2001	90	338	2077
18	2000	83	457	4683

19	1999	74	293	2286
20	1998	82	305	2539
21	1997	89	312	1762
22	1996	83	482	1973
23	1995	68	290	1693
24	1994	67	231	1545
25	1993	48	206	1377
26	1992	62	261	1750
27	1991	64	286	1778
28	1990	25	52	194
29	1989	19	59	178
30	1988	9	17	42

哪些年的文章比较有影响力？



3.7 文献类型分析

#	Document Type	Recs	TLCS	TGCS
1	Article	5619	19548	86441
2	Proceedings Paper	339	57	316
3	Review	249	2776	20556
4	Article; Proceedings Paper	241	1241	7694
5	Article; Book Chapter	47	141	628
6	Meeting Abstract	35	1	5
7	Note	26	38	205
8	Correction	3	2	15
9	Article; Retracted Publication	2	2	17
10	Editorial Material	2	7	68
11	Editorial Material; Book Chapter	2	3	5
12	News Item	1	0	1

哪些类型的文章
比较有影响力？





3.8 语言类别分析

#	Language	Recs	TLCS	TGCS
1	English	6417	23058	115574
2	German	37	8	72
3	Chinese	20	12	37
4	Portuguese	20	5	69
5	Spanish	16	1	15
6	French	13	16	103
7	Polish	11	0	7
8	Japanese	8	8	30
9	Turkish	7	4	17
10	Russian	6	2	5
11	Czech	3	0	9
12	Lithuanian	2	0	8
13	Serbo-Croatian	2	0	4
14	Thai	2	0	1
15	Hungarian	1	0	0
16	Unknown	1	702	

WOS 进行了数据加工，
看到的都是英文题录信息





3.9 机构分析

#	Institution	Recs	TLCS	TGCS
1	Chinese Acad Sci	225	754	2868
2	Khon Kaen Univ	123	484	1035
3	INRA	106	250	2341
4	Tech Univ Denmark	102	1243	3723
5	CSIC	93	380	2961
6	China Agr Univ	75	239	820
7	Natl Dairy Res Inst	75	140	373
8	S China Univ Technol	74	254	1441
9	Univ Sao Paulo	70	138	1086
10	Zhejiang Univ	65	165	682
11	Lund Univ	64	578	2653
12	Beijing Forestry Univ	61	162	882
13	Indian Vet Res Inst	53	123	457
14	Korea Univ	52	315	862
15	Nanjing Agr Univ	51	55	360
16	USDA ARS	50	744	2582
17	ARS	47	356	1195

数据清洗!!!

高产与高影响力
的机构有哪些?



Settings

Address Lists

Use available Reprint address

- ☐ Never
- ☒ When no other address is available
- ☐ Always

Set

可以选择通讯作者地址进行分析



#	Institution	Recs	TLCS	TGCS
1	Chinese Acad Sci	225	754	2868
2	Khon Kaen Univ	125	492	1050
3	INRA	108	270	2373
4	Tech Univ Denmark	105	1279	3817
5	CSIC	98	426	3203
6	Natl Dairy Res Inst	77	145	380
7	China Agr Univ	76	239	820
8	S China Univ Technol	74	254	1441
9	Univ Sao Paulo	70	138	1086
10	Zhejiang Univ	65	165	682
11	Lund Univ	64	578	2653
12	Beijing Forestry Univ	61	162	882
13	USDA ARS	57	797	2775
14	Indian Vet Res Inst	56	127	489
15	Korea Univ	53	320	893
16	Nanjing Agr Univ	51	55	360
17	ARS	47	356	1195
18	Harbin Inst Technol	47	131	411
19	Natl Tech Univ Athens	45	234	938
20	Tsinghua Univ	44	147	531





3.10 机构细分分析

#	Institution with Subdivision	Recs	TLCS	TGCS
1	Chinese Acad Sci, Inst Proc Engn	72	397	1111
2	Khon Kaen Univ, Fac Agr	71	274	553
3	S China Univ Technol, State Key Lab Pulp & Paper Engn	59	180	1095
4	Lund Univ, Dept Chem Engn	40	420	1971
5	CSIC, Ctr Invest Biol	38	256	1331
6	Univ Chinese Acad Sci	36	52	207
7	Isfahan Univ Technol, Dept Chem Engn	35	421	1240
8	Tech Univ Denmark, Dept Environm Engn	27	470	1246
9	Harbin Inst Technol, State Key Lab Urban Water Resource & Environm	26	67	192
10	Korea Univ, Dept Chem & Biol Engn	26	80	264
11	Natl Dairy Res Inst, Dairy Cattle Nutr Div	25	49	133
12	Natl Tech Univ Athens, Sch Chem Engn	25	106	351
13	ARS, USDA	23	192	785
14	Chinese Acad Sci, Grad Univ	23	54	350
15	Hunan Univ, Coll Environm Sci & Engn	23	77	269
16	Washington State Univ, Dept Biol Syst Engn	23	100	411
17	Beijing Forestry Univ, Beijing Key Lab Lignocellulos Chem	22	35	137

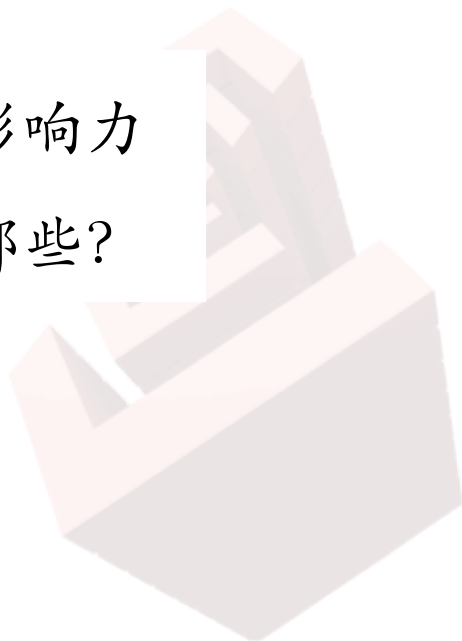
数据清洗！！！！



3.11 国家分析

#	Country	Recs	TLCS	TGCS
1	Peoples R China	1383	3513	15432
2	India	791	2778	11072
3	USA	688	3962	21361
4	Spain	395	1888	9990
5	Japan	311	1078	4294
6	South Korea	289	902	3436
7	Brazil	258	500	3361
8	Denmark	217	2286	8176
9	Thailand	215	680	1727
10	UK	214	654	5578
11	France	206	503	4934
12	Canada	188	463	2854
13	Germany	171	349	4640
14	Sweden	159	1276	5802
15	Italy	158	382	2796
16	Mexico	144	196	1045
17	Netherlands	129	858	4053
18	Iran	122	634	1996

高产与高影响力
的国家有哪些?





Settings

Country List

Check to unify country subdivisions and variant spellings. See [Help](#) for details.

☒ USSR

☒ UK

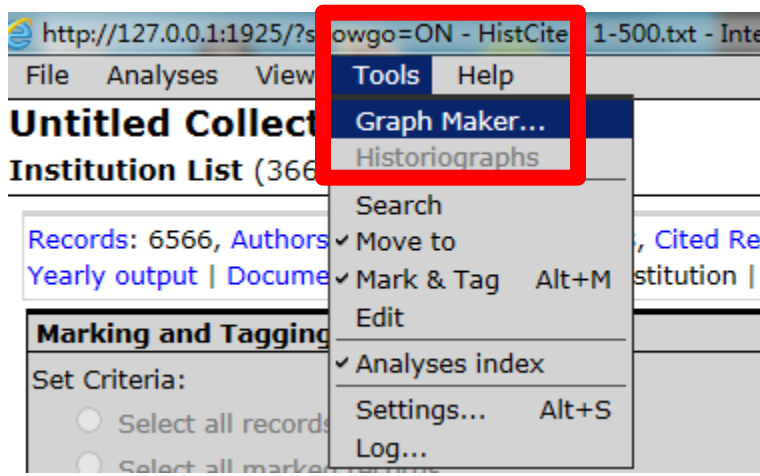
☒ FRG

☒ GDR

Set

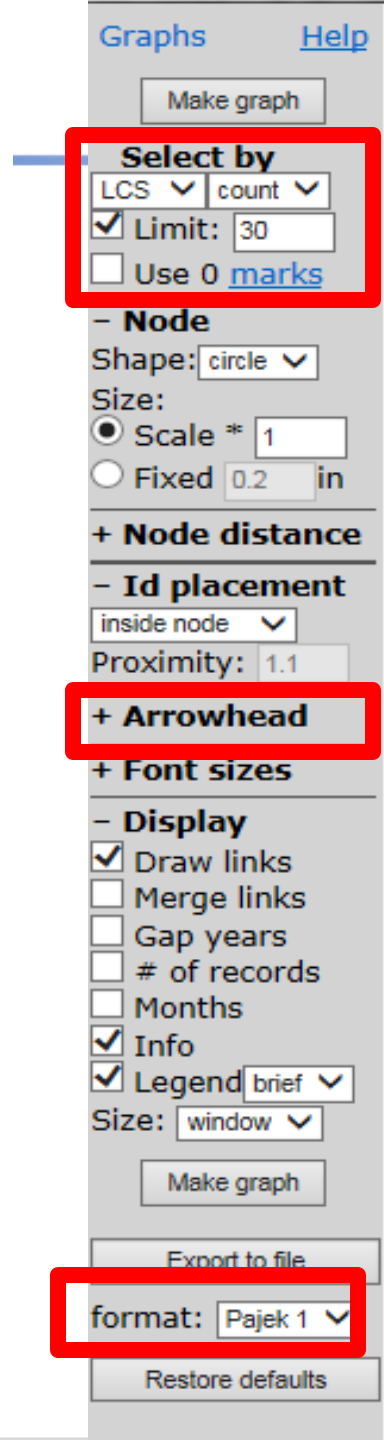


四、作图分析—引证关系图



Tools

Graph maker



节点选择依据

Count : TOPN

Value: $\geq N$

连线箭头指向

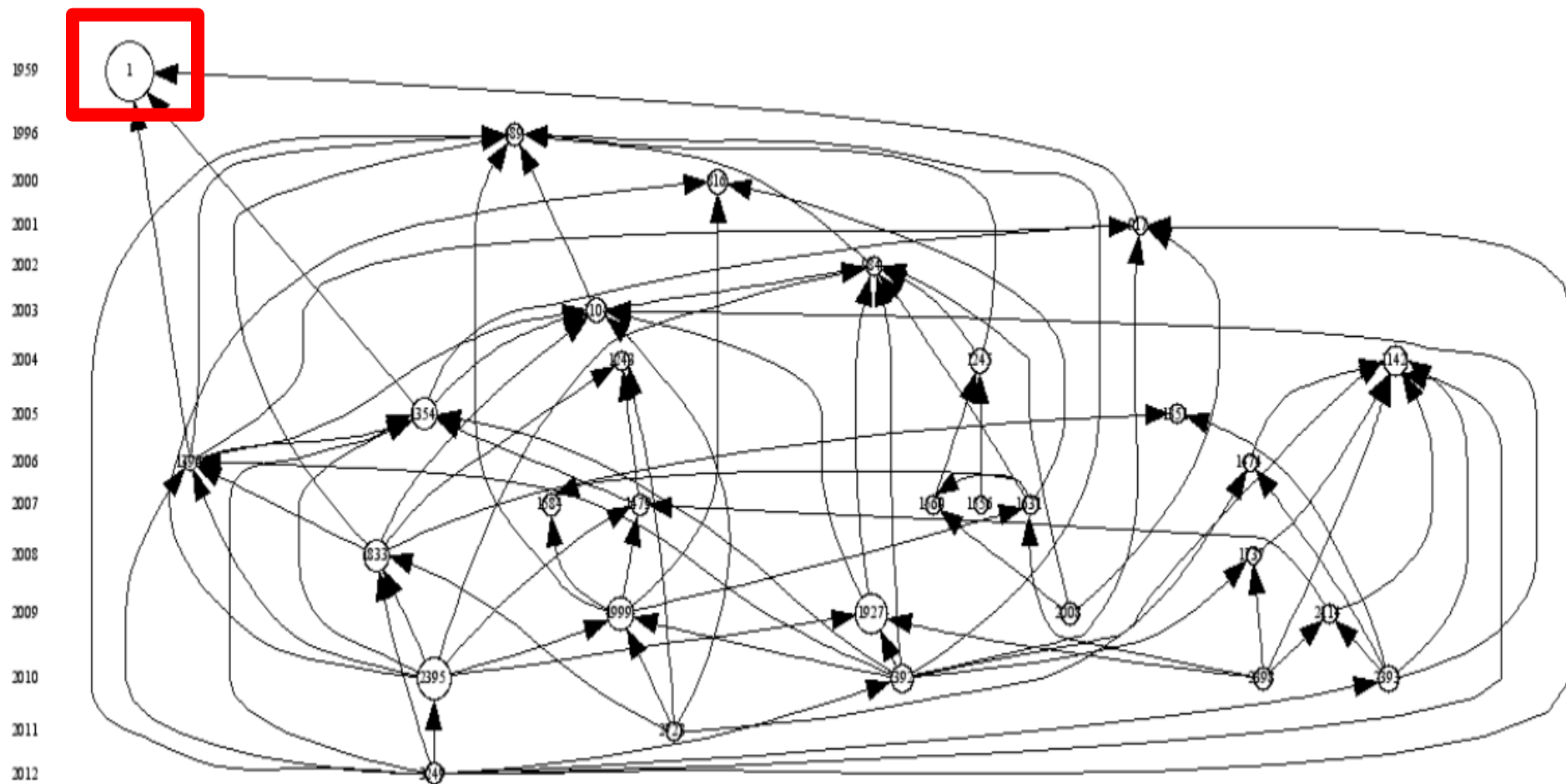


数据保存用于其他

可视化软件

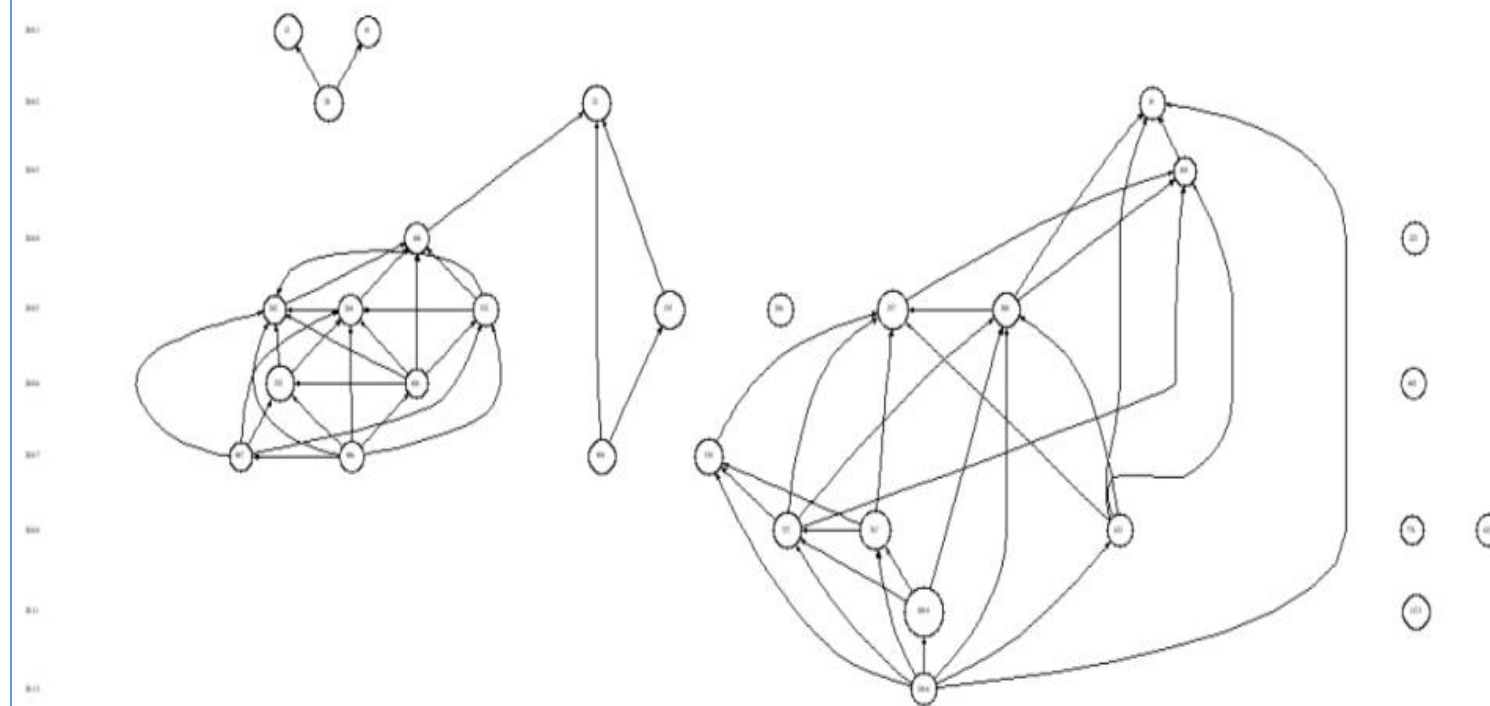


最早的经典文献





[Print graph](#) [Print text](#) [Keep graph](#) [PostScript](#) (Letter pages: 2)



文献之间相互引用，形成一定的簇

Nodes: 30, Links: 82

LCS, top 30; Min: 66, Max: 702 (LCS scaled)

	LCS	GCS
1. 1 MILLER GL, 1959, ANAL CHEM, V31, P426	702	
2. 489 Bjerre AB, 1996, BIOTECHNOL BIOENG, V49, P568	110	214
3. 816 Chang VS, 2000, APPL BIOCHEM BIOTECH, V84-6, P5	132	586
4. 917 Nigam JN, 2001, J BIOTECHNOL, V87, P17	73	195
5. 984 Klinke HB, 2002, BIORESOURCE TECHNOL, V82, P15	87	205
6. 1104 Saha BC, 2003, J IND MICROBIOL BIOT, V30, P279	129	822
7. 1142 Kim S, 2004, BIOMASS BIOENERG, V26, P361	194	754
8. 1243 Ballesteros M, 2004, PROCESS BIOCHEM, V39, P1843	86	249
9. 1245 Klinke HB, 2004, APPL MICROBIOL BIOT, V66, P10	133	689
10. 1351 Taniguchi M, 2005, J BIOSCI BIOENG, V100, P637	89	162
11. 1354 Saha BC, 2005, PROCESS BIOCHEM, V40, P3693	213	394
12. 1392 Saha BC, 2006, BIOTECHNOL PROGR, V22, P449	66	114
13. 1474 Karimi K, 2006, ENZYME MICROB TECH, V40, P138	72	133
14. 1479 Galbe M, 2007, ADV BIOCHEM ENG BIOT, V108, P41	99	351
15. 1556 Almeida JRM, 2007, J CHEM TECHNOL BIOT, V82, P340	69	408
16. 1560 Jorgensen H, 2007, BIOTECHNOL BIOENG, V96, P862	76	249
17. 1584 Kabel MA, 2007, BIORESOURCE TECHNOL, V98, P2034	111	252
18. 1631 Jorgensen H, 2007, BIOFUEL BIOPROD BIOR, V1, P119	92	415
19. 1737 Linde M, 2008, BIOMASS BIOENERG, V32, P326	68	107
20. 1833 Taherzadeh MJ, 2008, INT J MOL SCI, V9, P1621	211	780
21. 1927 Hendriks ATWM, 2009, BIORESOURCE TECHNOL, V100, P10340	1327	
22. 1999 Kumar P, 2009, IND ENG CHEM RES, V48, P3713	236	1066
23. 2008 Kaparaju P, 2009, BIORESOURCE TECHNOL, V100, P2562	106	266
24. 2114 Ko JK, 2009, BIORESOURCE TECHNOL, V100, P4374	80	140
25. 2392 Talebnia F, 2010, BIORESOURCE TECHNOL, V101, P4744	179	318
26. 2393 Binod P, 2010, BIORESOURCE TECHNOL, V101, P4767	151	254
27. 2395 Alvira P, 2010, BIORESOURCE TECHNOL, V101, P4851	371	1217
28. 2398 Hsu TC, 2010, BIORESOURCE TECHNOL, V101, P4907	117	197
29. 2723 Balat M, 2011, ENERG CONVERS MANAGE, V52, P858	77	338
30. 3249 Sarkar N, 2012, RENEW ENERG, V37, P19	100	323

图中的节点文献，点击蓝色超链接，浏览详细信息





1959

1996

2000

2003

2004

2005

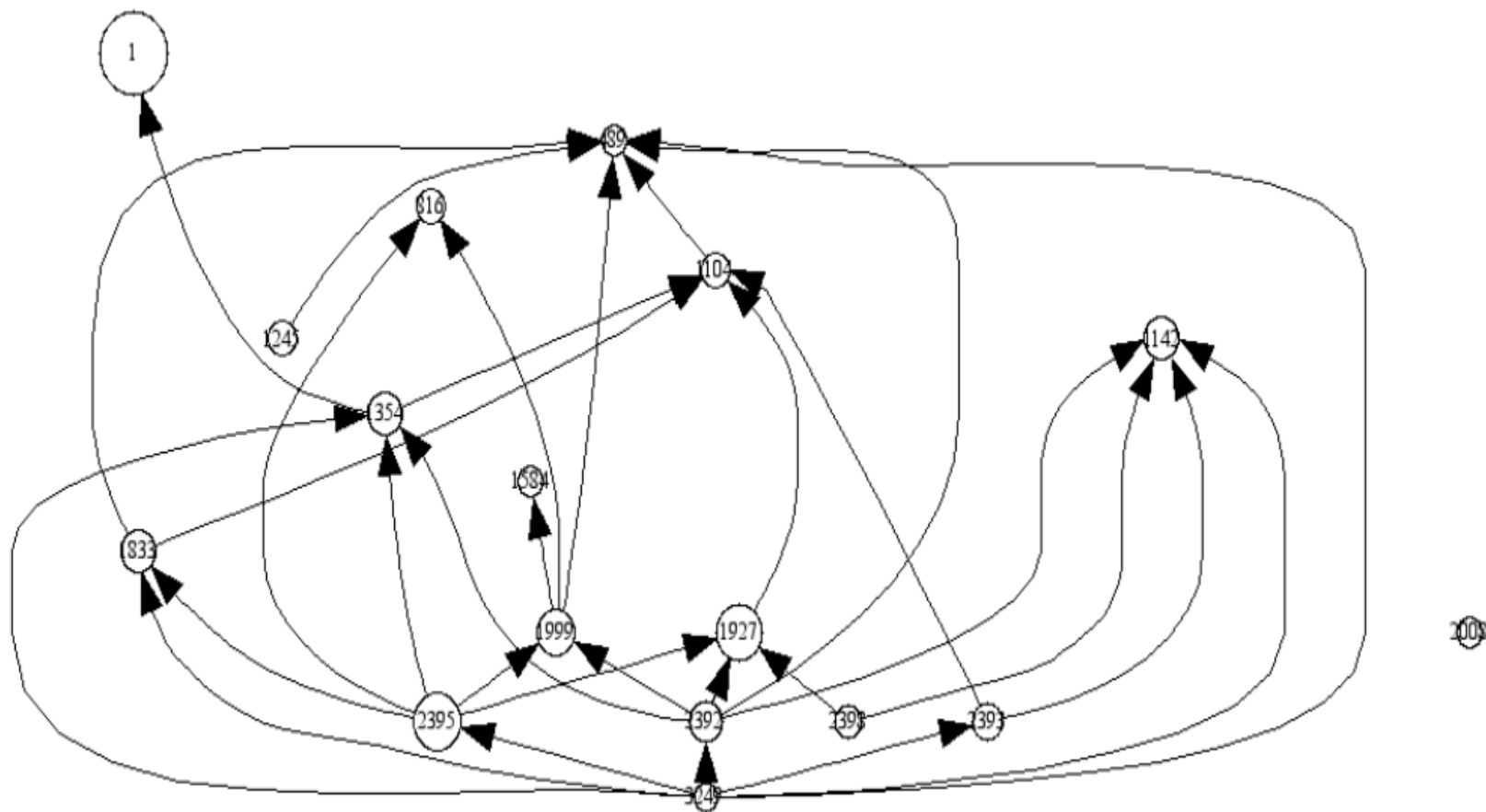
2007

2008

2009

2010

2012



LCS 大于 100

五、图谱和数据导出

5.1 图谱导出为其他可视化软件所用

Make graph

Select by

LCS value

☒ Limit:

☐ Use 0 [marks](#)

- Node

Shape:

Size:

☒ Scale *

☐ Fixed in

- Node distance

Y axis: in

X axis: in

- Id placement

inside node

Proximity:

+ Arrowhead

+ Font sizes

- Display

☒ Draw links

☐ Merge links

☐ Gap years

☐ # of records

☐ Months

☒ Info

☒ Legend

Size:

Make graph

Export to file

format:

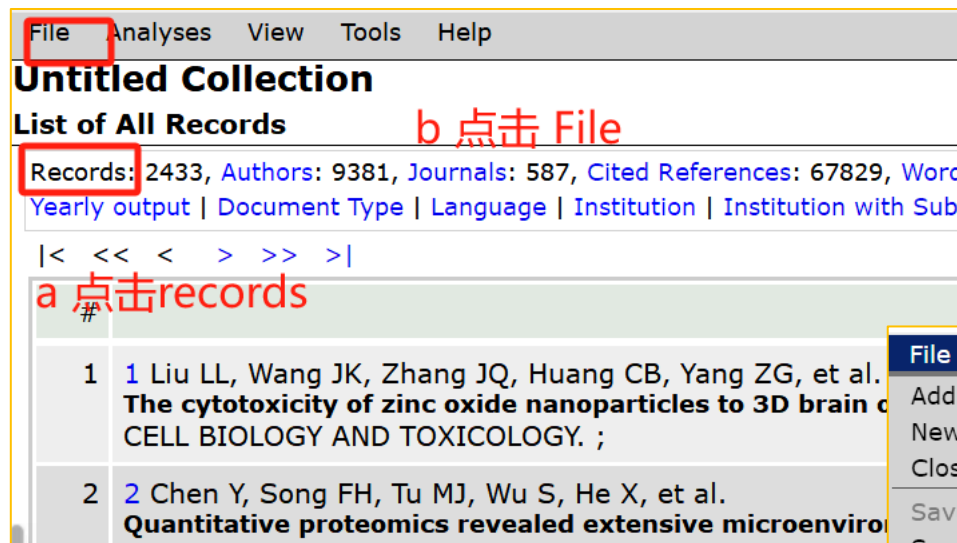
Restore defaults

Export to file

format:

Restore defaults

5.2 全部字段信息导出



File Analyses View Tools Help

Untitled Collection

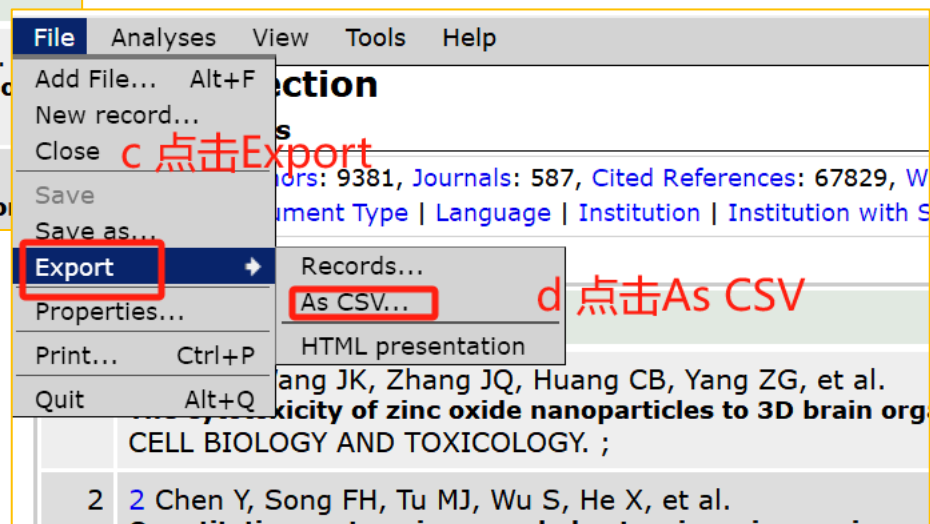
List of All Records **b 点击 File**

Records: 2433, Authors: 9381, Journals: 587, Cited References: 67829, Word
Yearly output | Document Type | Language | Institution | Institution with Sub

|< << < > >> >|

a 点击records

#	
1	1 Liu LL, Wang JK, Zhang JQ, Huang CB, Yang ZG, et al. The cytotoxicity of zinc oxide nanoparticles to 3D brain c CELL BIOLOGY AND TOXICOLOGY. ;
2	2 Chen Y, Song FH, Tu MJ, Wu S, He X, et al. Quantitative proteomics revealed extensive microenviro



File Analyses View Tools Help

Untitled Collection

Records: 2433, Authors: 9381, Journals: 587, Cited References: 67829, W
Document Type | Language | Institution | Institution with S

c 点击Export

d 点击As CSV

#	
1	1 Liu LL, Wang JK, Zhang JQ, Huang CB, Yang ZG, et al. The cytotoxicity of zinc oxide nanoparticles to 3D brain org CELL BIOLOGY AND TOXICOLOGY. ;
2	2 Chen Y, Song FH, Tu MJ, Wu S, He X, et al.



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	PT	AU	AE	TI	SO	J9	LA	DT	C1	RP	EM	NB	DE	ID	AB	CR	NCR	TC
2																		
3	J	Xue, YL; Yin, GM; Nutritive	GRASS ANI	GRASS FOR	English	Article	[Xue, Y. Xue, YL, xueylin_1979@163	desert w	CARCASS C	This stud	AOAC, 200						28	0
4	J	Wi, SG; Chung, BY;Enhanced	BIORESOU	BIORESOU	English	Article	[Lee, YocBae, HJ, baeh@chornam.ac.k	Bioethanc	CORN STOV	The objec	t						0	28
5	J	MCCARTHY, AJ; WILLACTINOMY	CGENE	GENE	English	Article; Proceedir	MCCARTHY, AJ, UNIV LIVERPO	CCOMPOST	INSTREPTOM	The diver	BACHMANN						19	137
6	J	Cantarella, M; AlifBiosaccha	JOURNAL C	J MOL CAT	English	Article; Univ	QuiAlfani, F, Univ Aquila, De	lignocell	ENZYMATIC	The enzym	ALFANI F,						25	5
7	S	Raharjo, WP; Soenc	Effect of	PROCEEDINA	IP CONF	English	Proceedir	[Raharjo, Raharjo, wahy	braharjo@ft.uns.ac.id;	THERMAL-F	Nowadays, Bledzki A						29	0
8	J	Suwanmanon, K; Hsil	isolating	CYTA-JOU	CYTA-J	FC	English	Article	[Suwanmanon, Hsieh, PCpchsieh@mail.npus	tGABA; nat	FIBRINOLY	The objec	Allagheny				35	4
9	J	Zhang, L; Wang, YF	Concentra	BIORESOU	BIORESOU	English	Article	[Chen, LCheng, LFchen	lihua@zju.edu	Solar vac	SACCHARON	A small s	Aroujalie				13	8
10	J	Fang, JC; Matsuzak	Effects c	GRASSLAN	GRASSL	SC	English	Article	[HoriguchTakahashittoshi@tdsl.tr.yar	Digestibi	AMMONIA C	The diges	Associati				35	4
11	J	Awafo, VA; Chahal,	Evaluatic	BIORESOU	BIORESOU	English	Article	McGill	UrSimpson, BK, McGill Univ, Isolid-sta	BETA-GLUCA	central	Awafo VA,					25	10
12	J	Chandra, R; Abhis	Bacterial	BIORESOU	BIORESOU	English	Article	[Chandra, Chandra, ranc	chandra_env@inc	Black lic	MILL WAS	This study deals w					0	38
13	J	Gong, RM; Jin, YB;	Removal c	DYES AND	DYES PIG	English	Article	Anhui	ForGong, RM, rmgong.nju@163.com	nsorption;	AGRICULTU	In this s	Chinwekit				24	57
14	J	Hossain, MA; Rahm	Impact of	JOURNAL C	J ENVIRO	English	Article	[Hossain, Hossain, anwa	puet2007@yahoo	Biomass; WASTE-WA	Degradati	Agarwal S					50	2
15	J	Walsh, K; O'Kiely,	Intake, c	ANIMAL FE	ANIM FEEL	English	Article	[Wals	KO'Kiely, padraig.okiely@tez	Cattle; I	NEUTRAL I	The effec	Allen MS,				58	8
16	J	Merali, Z; Ho, JD;	Character	BIORESOU	BIORESOU	English	Article	[Merali, Waldron, keit	waldron@bbsr	Cellulose	LIGNOCELL	Thermophy	Aspinall				35	24
17	J	Wang, J; Wang, QH;	Effect of	JOURNAL C	J MICROBI	English	Article	[Wang, J,Wang, QH, wangqh59@sina.com	Agricultu	WASTE-WA	Four type	Bulut S,					31	3
18	J	Santos, FA; de Que	POTENTIAL	QUIMICA	QUIM NOVA	Portugues	Review	[Santos, Santos, Ffalm	adasantos81@ysugarcane	ENZYMATIC	POTENTIAL	Abramo F.					49	17
19	J	Zanton, GI; Heinri	Digestior	JOURNAL C	J DAIRY S	English	Article	[Zanton, Heinrichsajh@osu.edu	N balance	DIETARY-F	The hypot	AlDehneh					71	28
20	J	Patriasari, W; Ani	Microwave	WASTE ANI	WASTE BIC	English	Article	[Patriasari, Patriasari, w.patriasari@t	Glycerol-ENZYMATIC	The influ	Anita S.E						58	0

也可以分析RP 通讯作者，数据分隔，透视表统计

5.3 单个字段导出

The screenshot shows the 'All-Author List (9381)' window. The top bar includes 'File', 'Analyses', 'View', 'Tools', and 'Help'. Below the title bar, it displays statistics: 'Records: 2433', 'Authors: 9381', 'Journals: 587', 'Cited References: 67829', and 'Words: 4847'. A red box highlights the 'Authors' field, with a red arrow pointing to it and the text 'a 点击Authors'. Below the statistics, there are links for 'Yearly output', 'Document Type', 'Language', 'Institution', 'Institution with Subdivision', and 'Country'. A table of authors is visible, with columns '#', 'Author', 'Recs', 'TLCS', and 'TGCS'. The first five rows are: 1 Li Y (84, 197, 1878), 2 Wang Y (82, 161, 2693), 3 Zhang Y (81, 367, 3025), 4 Liu Y (75, 72, 948), and 5 Wang L (71, 128, 1542). A red box highlights the 'File' menu, and another red box highlights the 'Export' option. A third red box highlights the 'As CSV...' option in the 'Export' submenu. A red arrow points to 'As CSV...' with the text 'b 点击File--Export--CSV'.

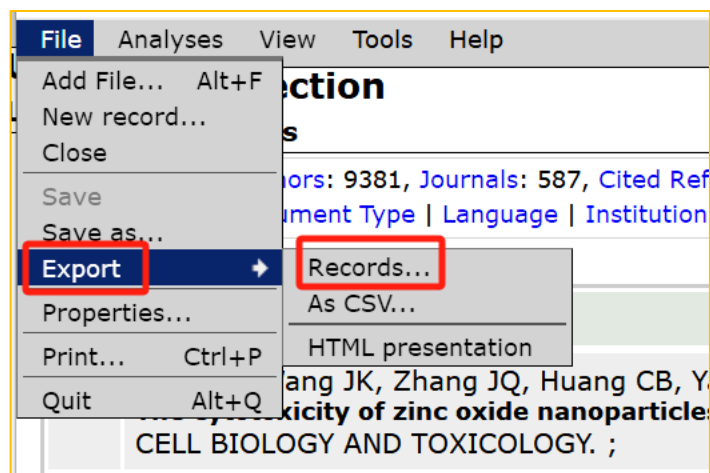
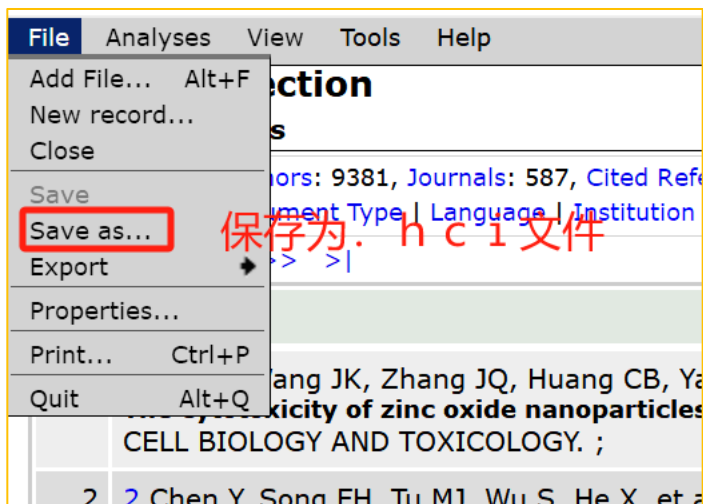
#	Author	Recs	TLCS	TGCS
1	Li Y	84	197	1878
2	Wang Y	82	161	2693
3	Zhang Y	81	367	3025
4	Liu Y	75	72	948
5	Wang L	71	128	1542

Author	Recs	LCS	GCS
Wanapat M	109	483	960
Chen HZ	59	359	988
Singh S	46	123	798
Ballesteros M	45	741	2480
Martinez AT	40	345	1442
Sun RC	40	124	754
Thomsen AB	40	876	2690
Saha BC	36	903	2671
Karimi K	35	503	1408
Cotta MA	32	802	1863
Zadrazil F	32	183	800
Cherdthong A	30	139	263
Kamra DN	29	121	378
Pandey A	29	367	1343
Kuhad RC	27	223	774
Roberto IC	27	144	627
Wang H	27	79	288
Wang XF	27	110	356
Ahring BK	26	539	1770
Angelidaki I	26	489	1293
Cui ZJ	26	104	272
Yin R	26	109	546

期刊, 被引文献, 词, 出版年, 机构, 机构细分, 都可以此方式导出

Excel作图

5.4 保存为.hci文件



此命令允许为当前集合中的记录子集创建与HistCite兼容的文件

点击Authors, File—Exports-records,可以打开该作者的文献,作为子集



六、数据编辑

File Analyses View Tools Help

Untitled Collection Grand Totals: LCS

List of All Records

Records: 2433, Authors: 9381, Journals: 587, Cited References: 67829, Words: 4847

[Yearly output](#) | [Document Type](#) | [Language](#) | [Institution](#) | [Institution with Subdivision](#) | [Country](#)

Move to: # Go Clear

|< << < > >> >|

#	Date / Author / Journal
1	1 Liu LL, Wang JK, Zhang JQ, Huang CB, Yang ZG, et al. The cytotoxicity of zinc oxide nanoparticles to 3D brain organoids results from excessive intracellular zinc ions and defective autophagy CELL BIOLOGY AND TOXICOLOGY. ;
2	2 Chen Y, Song FH, Tu MJ, Wu S, He X, et al. Quantitative proteomics revealed extensive microenvironmental changes after stem cell transplantation FRONTIERS OF MEDICINE. ;

Record 1 View: Standard [Edit](#) **b 点击Edit**

Author(s): Liu LL (Liu, Liangliang); Wang JK (Wang, Junkang); Zhang JQ (Zhang, Jiaqi); Huang CB (Huang, Chaobo); Yang ZG (Yang, Zhaogang); Cao Y (Cao, Yi)

Title: The cytotoxicity of zinc oxide nanoparticles to 3D brain organoids results from excessive intracellular zinc ions and defective autophagy

Source: CELL BIOLOGY AND TOXICOLOGY

Date:

Document Type: Journal : Article; Early Access

DOI: 10.1007/s10565-021-09678-x

Language: English

LCR: 0 **CR:** 68 **LCS:** 0 **GCS:** 0 **OCS:**

Comment:

Address: [Liu, Liangliang] Chinese Acad Agr Sci, Inst Bast Fiber Crops, Changsha 410205, Peoples R China.
[Wang, Junkang; Zhang, Jiaqi; Cao, Yi] Xiangtan Univ, Coll Chem, Key Lab Environm Friendly Chem & Applcat, Lab Biochem, Minist Educ, Xiangtan 411105, Peoples R China.
[Huang, Chaobo] Nanjing Forestry Univ NFU, Coll Chem Engrn, Nanjing 210037, Peoples R China.
[Yang, Zhaogang] Univ Texas MD Anderson Canc Ctr, Div Radiat Oncol, Houston, TX 77030 USA.
[Cao, Yi] Univ South China, Sch Publ Hlth, Hengyang Med Sch, Hunan Prov Key Lab Typ Environm Pollut & Haz, Hengyang 421001, Peoples R China.

print: Cao, Y (通讯作者), Xiangtan Univ, Coll Chem, Key Lab Environm Friendly Chem & Applcat, Lab chem, Minist Educ, Xiangtan 411105, Peoples R China.; Yang, ZG (通讯作者), Univ Texas MD Anderson Canc Ctr, Div Radiat Oncol, Houston, TX 77030 USA.

Edit Record 1

Author(s)
Wang JK (Wang, Junkang)
Zhang JQ (Zhang, Jiaqi)

Title

Source
Volume: Issue: Start page: End page:
Source Abbrev.:

Date Year: Month: Day:

Type Publication: Document:

DOI

Language

LCR: 0 **CR:** 68 **LCS:** 0 **GCS:** 0

Comment

Address
[Wang, Junkang; Zhang, Jiaqi; Cao, Yi] Xiangtan Univ, Coll

c 编辑或修改后, 点击apply...

编辑或修改任一字段信息