





Core Project OT2OD030544





Details

Projects	Name	Award	Publications	Repositories
3OT2OD030544-01S1	Biomedical Data	\$2,930,832.00	31	0
1OT2OD030544-01	Commons Workbench			
3OT2OD030544-01S3	(BDCW)			
3OT2OD030544-01S2				







Publications

Published works associated with this project.

	Title	Authors	RC R	SJR	Citatio ns	Cit./ye ar	Journal	Publish ed	Updat
362502  DOI 	GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser.	Daniel Petras ...33 more... Mingxun Wang	5.9 4	14.79 6	28	14	Nature Methods	2,022	Jul 28 2024 (4 weeks ago)

349305  1 	Defining diurnal fluctuations in mouse choroid plexus and CSF at high molecular, spatial, and tem...	Ryann M Fame ...21 more... Maria K Lehtinen	3.4 2	4.887	9	9	Nature Communications	2,023	Jul 28 2024 (4 weeks ago)
798473  1 	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate...	Anne Miller ...7 more... Gary Yellen	2.5 7	7.192	7	7	Nature Metabolism	2,023	Jul 28 2024 (4 weeks ago)
441265  1 	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan ...12 more... Gary H Perdew	2.4 7	1.004	6	6	International Journal of Tryptophan Research	2,023	Jul 28 2024 (4 weeks ago)
315914  1 	MYC is a regulator of androgen receptor inhibition-induced metabolic requirements in prostate can...	Preston D Crowell ...23 more... Andrew S Goldstein	1.7 6	4.279	5	5	Cell Reports	2,023	Jul 28 2024 (4 weeks ago)
721400  1 	Immune Response in Severe and Non-Severe Coronavirus Disease 2019 (COVID-19) Infection: A Mechani...	Kavitha Mukund ...6 more... Shankar Subramaniam	1.6 6	1.868	21	7	Frontiers in Immunology	2,021	Jul 28 2024 (4 weeks ago)
448980  1 	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahiminejad ...2 more...	0.1 9	1.087	2	1	BMC Cancer	2,022	Jul 28 2024

		Shankar Subramaniam							(4 weeks ago)
983749 🔗	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasan ...3 more... Shankar Subramaniam	0.12	4.621	1	0.5	GigaScience	2,022	Jul 28 2024 (4 weeks ago)
515770 🔗	The stability of the myelinating oligodendrocyte transcriptome is regulated by the nuclear lamina.	Mathilde Pruvost ...16 more... Patrizia Casaccia	0	4.279	4	4	Cell Reports	2,023	Jul 28 2024 (4 weeks ago)
98141 🔗	Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.	Adriana C Norris ...7 more... Todd R Graham	0	0	1	1	bioRxiv	2,023	Jul 28 2024 (4 weeks ago)
102827 🔗	Modeling transcriptional regulation of the cell cycle using a novel cybernetic-inspired approach.	Rubesh Raja ...5 more... Doraiswami Ramkrishna	0	1.188	0	0	Biophysical Journal	2,024	Jul 28 2024 (4 weeks ago)
001239 🔗	IL-1β-mediated adaptive reprogramming of endogenous human cardiac fibroblasts to cells with immun...	Jamila H Siamwala ...11 more... Richard J Gilbert	0	2.09	1	1	Communications Biology	2,023	Jul 28 2024 (4 weeks ago)

18851 	Lipidomic Analysis Reveals Differences in the Extent of Remyelination in the Brain and Spinal Cord.	Nishama De Silva Mohotti ...5 more... Meredith D Hartley	0	1.299	0	0	Journal of Proteome Research	2,024	Aug 5 2024 (3 weeks ago)
286827 	Loss of Pip4k2c confers liver-metastatic organotropism through insulin-dependent PI3K-AKT pathway...	Meri Rogava ...43 more... Benjamin Izar	0	11.9	4	4	Nature Cancer	2,024	Jul 28 2024 (4 weeks ago)
313868 	Fetal growth delay caused by loss of non-canonical imprinting is resolved late in pregnancy and c...	Ruby Oberin ...14 more... Patrick S Western	0	3.932	1	1	eLife	2,024	Jul 28 2024 (4 weeks ago)
546759 	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate...	Anne Miller ...7 more... Gary Yellen	0	0	0	0	Res Sq	2,023	Jul 28 2024 (4 weeks ago)
349634 	Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei...	Ashay O Patel ...2 more... Shankar Subramaniam	0	0.635	0	0	Journal of Alzheimer's Disease Reports	2,023	Jul 28 2024 (4 weeks ago)
61977 	Gut microbiota and metabolites in estrus cycle and their changes in a menopausal transition rat m...	Ruoxi Dai ...5 more... Yan Sun	0	0	0	0	Front Endocrinol (Lausanne)	2,023	Jul 28 2024 (4 weeks ago)

226418 [PDF] [Full Text]	Fatty acid metabolism promotes TRPV4 activity in lung microvascular endothelial cells in pulmonar...	Nicolas Philip ...20 more... Karthik Suresh	0	1.339	2	2	American Journal of Physiology - Lung Cellular and Molecular Physiology	2,024	Jul 29 2024 (4 weeks ago)
318337 [PDF] [Full Text]	Exploring the interplay between running exercises, microbial diversity, and tryptophan metabolism...	Alejandra Vazquez-Medina ...6 more... Nataliya Chorna	0	1.065	0	0	Frontiers in Microbiology	2,024	Jul 28 2024 (4 weeks ago)
313293 [PDF] [Full Text]	Metabolic abnormalities in the bone marrow cells of young offspring born to obese mothers.	Maloyan Alina ...4 more... Sushil Kumar	0	0	0	0	Res Sq	2,024	Jul 28 2024 (4 weeks ago)
72157 [PDF] [Full Text]	Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.	Adriana C Norris ...7 more... Todd R Graham	0	0.9	2	2	Scientific Reports	2,024	Jul 28 2024 (4 weeks ago)
87579 [PDF] [Full Text]	Matrix Linear Models for connecting metabolite composition to individual characteristics.	Gregory Farage ...5 more... Śaunak Sen	0	0	0	0	bioRxiv	2,023	Jul 28 2024 (4 weeks ago)
975764 [PDF] [Full Text]	Taurine modulates host cell responses to <i>Helicobacter pylori</i> VacA toxin.	Mandy D Westland ...5 more... Timothy L Cover	0	1.042	0	0	Infection and Immunity	2,024	Aug 1 2024 (1 week ago)
714664 [PDF] [Full Text]	FGFR inhibition blocks NF-κB-dependent glucose	Yuanli Zhen ...11 more...	0	4.887	0	0	Nature Communications	2,024	Jul 28 2024

	metabolism and confers metabolic vulnerabilities i...	Nabeel Bardeesy								(4 weeks ago)
551675 []	A nested case-control study of untargeted plasma metabolomics and lung cancer among never-smoking...	Mohammad L Rahman ...12 more... Qing Lan	0	2.131	0	0	International Journal of Cancer	2,024	Aug 1, 2024 (3 weeks ago)	
452018 []	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata ...16 more... Guillermo Oliver	0	4.887	3	3	Nature Communications	2,023	Jul 28, 2024 (4 weeks ago)	
165806 []	Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t...	Dimitris Karagiannis ...11 more... Chao Lu	0	4.279	1	1	Cell Reports	2,024	Jul 28, 2024 (4 weeks ago)	
926365 []	METTL3-mediated chromatin contacts promote stress granule phase separation through metabolic repr...	Chen Wang ...17 more... Rugang Zhang	0	4.887	0	0	Nature Communications	2,024	Jul 28, 2024 (4 weeks ago)	
326219 []	Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can...	Sara Rahiminejad ...2 more... Shankar Subramaniam	0	0	0	0	Res Sq	2,024	Jul 28, 2024 (4 weeks ago)	

544285 [↗](#)
[↗](#)

Repeated exposure to
eucalyptus wood smoke
alters pulmonary gene and
metabolic profiles in male
L...

Samuel J Cochran
...11 more...
Kymberly M Gowdy

0

0.911

0

0

Toxicological Sciences

2,024

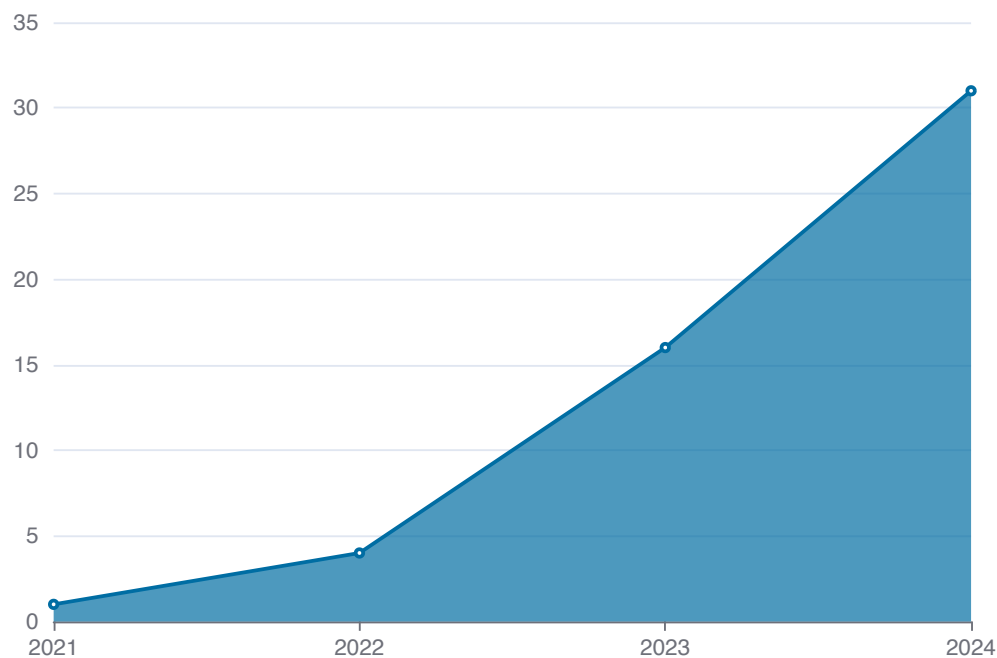
Jul 28
2024
(4 weeks
ago)

Notes

RCR = [Relative Citation Ratio](#) [↗](#)

SJR = [Scimago Journal Rank](#) [↗](#)

Cumulative Publications



Repositories

Software repositories associated with this project.

me	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.
No data								

me	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies
No data									

Notes

PR = Pull (change) request

✓○ = Closed/open

Avg Issue/PR = Average time issues/pull requests stay open for before being closed

Only the `main` (or default) branch is considered (e.g. for # of commits).

of dependencies is totaled from all manifests in repo, direct and transitive, e.g. `package.json` + `package-lock.json`.

Analytics

Properties

Notes

Active Users = [Distinct users who visited the website](#) 

New Users = [Users who visited the website for the first time](#) 

Engaged Sessions = [Visits that had significant interaction.](#) 

"Top" metrics are measured by number of engaged sessions.