

L Core Project OT2OD030544

Operation

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

Publications

Published works associated with this project.

	Title	Authors	RC R	SJR	Citatio ns	Cit./ye ar	Journal	Publish ed	Updat
<u>862502</u> 간 <u>I</u> 간	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 wee ago)
849305 亿 L 亿	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 wee ago)
7 <u>98473</u> 🖸 <u>I</u> 🖸	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 wee ago)
<u>141265</u> 亿 <u>I</u> 亿	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 wee ago)
<u>815914</u> 亿 <u>L</u> 亿	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 wee ago)
721400 亿 ! 亿	Immune Response in Severe and Non-Severe Coronavirus Disease 2019	Kavitha Mukund 6 more Shankar Subramaniam	1.6 6	1.868	21	7	Frontiers in Immunology	2,021	Jul 28 2024 (4 wee ago)

	(COVID-19) Infection: A Mechani								
148980 亿 1 亿	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahiminejad 2 more Shankar Subramaniam	0.1 9	1.087	2	1	BMC Cancer	2,022	Jul 28 2024 (4 wee ago)
9 <u>83749</u> 🗷 <u>I</u> 🖒	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasan 3 more Shankar Subramaniam	0.1 2	4.621	1	0.5	GigaScience	2,022	Jul 28 202 ⁴ (4 wee ago)
515770 亿 L 亿	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 wee ago)
<u>898141</u> 亿 L 亿	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 wee ago)
02827 亿 L 亿	Modeling transcriptional regulation of the cell cycle using a novel cyberneticinspired approach.	Rubesh Raja 5 more Doraiswami Ramkrishna	0	1.188	0	0	Biophysical Journal	2,024	Jul 28 2024 (4 wee ago)

<u>001239</u>	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 wee ago)
<u>)18851</u> 🖸 <u>I</u> 🖸	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 wee ago)
<u>286827</u> ℃ <u>I</u> ℃	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 wee ago)
<u>313868</u> ♂ <u>I</u> ♂	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 wee ago)
5467 <u>59</u> 🗹 <u>I</u> 🖸	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 wee ago)
849634 亿 1 亿	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 wee ago)

<u>161977</u>	and their changes in a menopausal transition rat m	5 more Yan Sun	0	0	0	0	Front Endocrinol (Lausanne)	2,023	2024 (4 wee ago)
226418 亿 L 亿	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 wee ago)
318337 亿 L 亿	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 wee ago)
<u>813293</u> で L で	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 wee ago)
<u>172157</u> 간 1 간	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 wee ago)
<u>187579</u> 간 1 간	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 wee ago)

Jul 28

2024

Front Endocrinol

Gut microbiota and

161977

metabolites in estrus cycle

Ruoxi Dai

975764 亿 L 亿	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 1 202 (1 we ago
<u>714664</u> 🗹 L 🗹	FGFR inhibition blocks NF- KB-dependent glucose metabolism and confers metabolic vulnerabilities i	Yuanli Zhen 11 more Nabeel Bardeesy	0	4.887	0	0	Nature Communications	2,024	Jul 28 2024 (4 wee ago
551675 亿 L 亿	A nested case-control study of untargeted plasma metabolomics and lung cancer among neversmoking	Mohammad L Rahman 12 more Qing Lan	0	2.131	0	0	International Journal of Cancer	2,024	Aug 2024 (3 wee ago
152018 亿 L 亿	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 wee ago
<u>65806</u> ፟፟፟፟፟ <u>I</u> ፟፟፟፟፟	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 wee ago
0 <u>26365</u> 🗹 <u>I</u> 🗹	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 wee ago

<u>326219</u> ご <u>1</u> ご	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 wee ago)
544285 🗗 1 🗗	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 wee ago)

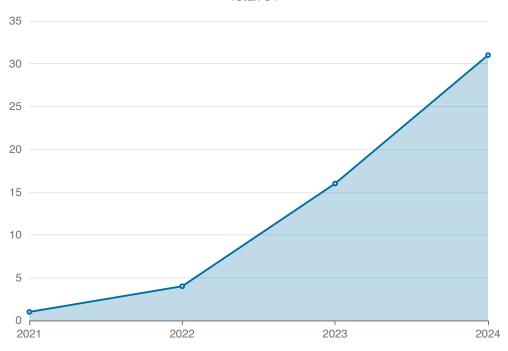
Notes

RCR Relative Citation Ratio

SJR Scimago Journal Rank

Cumulative Publications

Total: 31



</> Repositories

Software repositories associated with this project.

me	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.
			No d	lata				

No data

Notes

Repository For storing, tracking changes to, and collaborating on a piece of software.

PR "Pull request", a draft change (new feature, bug fix, etc.) to a repo.

Closed/Open Resolved/unresolved.

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

Only the main /default branch is considered for metrics like # of commits.

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

Analytics

Traffic metrics of websites associated with this project.

Notes

Active Users <u>Distinct users who visited the website</u> 2.

New Users <u>Users who visited the website for the first time</u> **2**.

Engaged Sessions <u>Visits that had significant interaction</u> **2**.

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