



Core Project OT2OD030544



Details

Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD030544-01	Biomedical Data Commons	\$2,930,832.00	33 publications	0 repositories	0 properties
3OT2OD030544-01S1	Workbench (BDCW)				
3OT2OD030544-01S3					
3OT2OD030544-01S2					



Publications

Published works associated with this project.

ID	Title	Authors	R C R	SJ R	Cit ati ons	Cit. /ye ar	Journal	Pub lish ed	Upd ated
34862502 DOI	GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser.	Daniel Petras ...33 more... Mingxun Wang	5.9	14.796	29	14.5	Nature Methods	2,022	Sep 1, 2024 (3 weeks ago)
37349305 DOI	Defining diurnal fluctuations in mouse choroid plexus and CSF at high molecular, spatial, and tem...	Ryann M Fame ...21 more... Maria K Lehtinen	3.15	4.887	9	9	Nature Communications	2,023	Sep 1, 2024 (3 weeks ago)
37798473 DOI	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate...	Anne Miller ...7 more... Gary Yellen	2.89	7.192	8	8	Nature Metabolism	2,023	Sep 1, 2024 (3 weeks ago)

37441265 DOI	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan ...12 more... Gary H Perdew	2.3	1.004	6	6	International Journal of Tryptophan Research	2,023	Sep 1, 2024 (3 weeks ago)
34721400 DOI	Immune Response in Severe and Non-Severe Coronavirus Disease 2019 (COVID-19) Infection: A Mechani...	Kavitha Mukund ...6 more... Shankar Subramaniam	1.74	1.868	22	7.333	Frontiers in Immunology	2,021	Sep 1, 2024 (3 weeks ago)
37452018 DOI	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata ...16 more... Guillermo Oliver	1.66	4.887	5	5	Nature Communications	2,023	Sep 1, 2024 (3 weeks ago)

37815914 DOI	MYC is a regulator of androgen receptor inhibition-induced metabolic requirements in prostate can...	Preston D Crowell ...23 more... Andrew S Goldstein	1.59	4.279	5	5	Cell Reports	2,023	Sep 1, 2024 (3 weeks ago)
35448980 DOI	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahiminejad ...2 more... Shankar Subramaniam	0.18	1.087	2	1	BMC Cancer	2,022	Sep 1, 2024 (3 weeks ago)
37983749 DOI	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasan ...3 more... Shankar Subramaniam	0.12	4.621	1	0.5	GigaScience	2,022	Sep 1, 2024 (3 weeks ago)

38286827 DOI	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	Sep 1, 2024 (3 weeks ago)
38165806 DOI	Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t...	Dimitris Karagianis ...11 more... Chao Lu	0	4.279	2	2	Cell Reports	2,024	Sep 1, 2024 (3 weeks ago)
37398141 DOI	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	Sep 1, 2024 (3 weeks ago)

37546759 DOI	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	Sep 1, 2024 (3 weeks ago)
38813868 DOI	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	Sep 1, 2024 (3 weeks ago)
38001239 DOI	IL-1 β -mediated adaptive reprogramming of endogenous human cardiac fibroblasts to cells with immun...	Jamila H Siamwala ...11 more... Richard J Gilbert	0	2.09	2	2	Communications Biology	2,023	Sep 1, 2024 (3 weeks ago)
38161977 DOI	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	Sep 1, 2024 (3 weeks ago)

									s ago)
38018851 DOI	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	Sep 1, 2024 (3 weeks ago)
39206133 DOI	Phosphate availability conditions caspofungin tolerance, capsule attachment and titan cell format...	Xianya Qu ...7 more... James W Kronstad	0	0.491	0	0	Frontiers in Fungal Biology	2,024	Sep 3, 2024 (2 weeks ago)
38318337 DOI	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	Sep 1, 2024 (3 weeks ago)
38172157 DOI	Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.	Adriana C Norris ...7	0	0.9	2	2	Scientific Reports	2,024	Sep 1, 2024

		more... Todd R Graham								(3 week s ago)
37849634 DOI	Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei...	Ashay O Patel ...2 more... Shankar Subrama niam	0	0.6 35	0	0	Journal of Alzheimer's Disease Reports	2,023	Sep 1, 2024 (3 week s ago)	
38187579 DOI	Matrix Linear Models for connecting metabolite composition to individual characteristics.	Gregory Farage ...5 more... Śaunak Sen	0	0	0	0	bioRxiv	2,023	Sep 1, 2024 (3 week s ago)	
38313293 DOI	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	Sep 1, 2024 (3 week s ago)	

37515770 DOI	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	Sep 1, 2024 (3 weeks ago)
38844817 DOI	Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage cross-talk, promoting immunos...	Tommaso Scolaro ...36 more... Massimiliano Mazzone	0	11.9	1	1	Nature Cancer	2,024	Sep 1, 2024 (3 weeks ago)
38651675 DOI	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	Sep 1, 2024 (3 weeks ago)

38714664 DOI	FGFR inhibition blocks NF-κB-dependent glucose metabolism and confers metabolic vulnerabilities i...	Yuanli Zhen ...11 more... Nabeel Bardeesy	0	4.887	0	0	Nature Communications	2,024	Sep 1, 2024 (3 weeks ago)
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38975764 DOI	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	Sep 1, 2024 (3 weeks ago)
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38102827 DOI	Modeling transcriptional regulation of the cell cycle using a novel cybernetic-inspired approach.	Rubesh Raja ...5 more... Doraiswami	0	1.188	0	0	Biophysical Journal	2,024	Sep 1, 2024 (3 weeks ago)
<div> <div>47 Repositories</div> <div>Software repositories associated with this project.</div> </div>									
Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.	

38226418 DOI	Fatty acid metabolism promotes TRPV4 activity in lung microvascular endothelial cells in pulmonar...	Nicolas Philip ...20 more...	No data	0	1.339	2	2	American Journal of Physiology - Lung Cellular and Molecular Physiology	2,024	Sep 1, 2024 (3 weeks ago)
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Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies
No data									
Notes				Karthik Suresh					s ago)
Repository	For storing, tracking changes to, and collaborating on a piece of software.			Sara Rahiminej					Sep 1, 2024
PR	"Pull request", a draft change (new feature, bug fix, etc.) to a repo.			ad					2024
38826219	Single-cell transcriptomics reveals stage- and site-specificity of gene modules in colorectal can			...2 more...	0	0	0	0	2,024
Closed/Open DOI	Resolved/unresolved			Shankar	Res Sq				(3 week s ago)
Avg Issue/PR	Average time issues/pull requests stay open for before being closed.			Subramaniam					
Only the main/default branch is considered for metrics like # of commits.									

Analytics

Traffic metrics of websites associated with this project.

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.

RCR [Relative Citation Ratio](#)

SJR [Scimago Journal Rank](#)

