



## 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
<a href="#">34862502</a> <a href="#">DOI</a>	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)
<a href="#">37349305</a> <a href="#">DOI</a>	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)
<a href="#">37798473</a> <a href="#">DOI</a>	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)

<a href="#">37441265</a> <a href="#">DOI</a>	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)
<a href="#">34721400</a> <a href="#">DOI</a>	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)
<a href="#">37452018</a> <a href="#">DOI</a>	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)

<a href="#">37815914</a> <a href="#">DOI</a>	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)
<a href="#">35448980</a> <a href="#">DOI</a>	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)
<a href="#">37983749</a> <a href="#">DOI</a>	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)

<a href="#">38286827</a> <a href="#">DOI</a>	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)
<a href="#">38165806</a> <a href="#">DOI</a>	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)
<a href="#">37398141</a> <a href="#">DOI</a>	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)

<a href="#">37546759</a> <a href="#">DOI</a>	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)
<a href="#">38813868</a> <a href="#">DOI</a>	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)
<a href="#">38001239</a> <a href="#">DOI</a>	IL-1 $\beta$ -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)
<a href="#">38161977</a> <a href="#">DOI</a>	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)
<a href="#">38018851</a> <a href="#">DOI</a>	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)
<a href="#">39206133</a> <a href="#">DOI</a>	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)
<a href="#">38318337</a> <a href="#">DOI</a>	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)
<a href="#">38172157</a> <a href="#">DOI</a>	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)
<a href="#">37849634</a> <a href="#">DOI</a>	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	2,02 3	Sep 1, 2024 (3 week s ago)	
<a href="#">38187579</a> <a href="#">DOI</a>	Matrix Linear Models for connecting metabolite composition to individual characteristics.	Gregory Farage ...5 more... Śaunak Sen	0	0	0	0	bioRxiv	2,02 3	Sep 1, 2024 (3 week s ago)	
<a href="#">38313293</a> <a href="#">DOI</a>	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	2,02 4	Sep 1, 2024 (3 week s ago)	



<a href="#">37515770</a> <a href="#">DOI</a>	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)
<a href="#">38844817</a> <a href="#">DOI</a>	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)
<a href="#">38651675</a> <a href="#">DOI</a>	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)

<a href="#">38714664</a> <a href="#">DOI</a>	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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<a href="#">38975764</a> <a href="#">DOI</a>	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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<a href="#">38102827</a> <a href="#">DOI</a>	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)
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4 Repositories

Software repositories associated with this project.

Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.
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<a href="#">38226418</a> <a href="#">DOI</a>	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	Resolved/unresolved			Shankar	Res Sq				(3 week s ago)
DOI	Average time issues/pull requests stay open for before being closed.			Subramaniam					
Avg Issue/PR	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](#)

