



## Core Project OT2OD030544



### Details









Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD030544-01	Biomedical Data Commons	\$3,229,346.00	34 publications	0 repositories	0 properties
3OT2OD030544-01S1	Workbench (BDCW)				
3OT2OD030544-01S3					
3OT2OD030544-01S2					
3OT2OD030544-01S4					











### Publications





Published works associated with this project.

ID	Title	Authors	R C R	SJ R	Cit ati on s	Cit. /ye ar	Journal	Pub lish ed	Upd ated
<a href="#">34862502</a> <a href="#">DOI</a> <a href="#">↗</a>	GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser.	Daniel Petras ...33 more... Mingxun Wang	5. 8 8	14. 79 6	30	15	Nature Methods	2,0 22	Sep 28, 2024 (3 days ago)
<a href="#">37349305</a> <a href="#">DOI</a> <a href="#">↗</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. 3 7	4.8 87	10	10	Nature Communications	2,0 23	Sep 28, 2024 (3 days ago)
<a href="#">37798473</a> <a href="#">DOI</a> <a href="#">↗</a>	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate...	Anne Miller ...7 more... Gary Yellen	3. 3 5	7.1 92	10	10	Nature Metabolism	2,0 23	Sep 28, 2024 (3 days ago)
<a href="#">37441265</a> <a href="#">DOI</a> <a href="#">↗</a>	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan ...12 more... Gary H Perdew	2. 1 6	1.0 04	6	6	International Journal of Tryptophan Research	2,0 23	Sep 28, 2024 (3 days 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 Subrama niam	1. 8	1.8 68	23	7.6 67	Frontiers in Immunology	2,0 21	Sep 28, 2024 (3 days 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. 7 8	4.2 79	6	6	Cell Reports	2,0 23	Sep 28, 2024 (3 days ago)
<a href="#">37452018</a>  <a href="#">DOI</a> 	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata ...16 more... Guillerm o Oliver	1. 7 7	4.8 87	6	6	Nature Communications	2,0 23	Sep 28, 2024 (3 days 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	1. 4 1	4.2 79	5	5	Cell Reports	2,0 23	Sep 28, 2024 (3 days ago)

<a href="#">35448980</a> <a href="#">DOI</a> <a href="#">↗</a>	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahiminejad ...2 more... Shankar Subramaniam	0.17	1.087	2	1	BMC Cancer	2,022	Sep 28, 2024 (3 days ago)
<a href="#">37983749</a> <a href="#">DOI</a> <a href="#">↗</a>	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasan ...3 more... Shankar Subramaniam	0.11	4.621	1	0.5	GigaScience	2,022	Sep 28, 2024 (3 days ago)
<a href="#">38318337</a> <a href="#">DOI</a> <a href="#">↗</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 28, 2024 (3 days ago)
<a href="#">38102827</a> <a href="#">DOI</a> <a href="#">↗</a>	Modeling transcriptional regulation of the cell cycle using a	Rubesh Raja ...5	0	1.188	0	0	Biophysical Journal	2,024	Sep 28, 2024







	novel cybernetic-inspired approach.	more... Doraiswa mi Ramkrish na							(3 days ago)
<a href="#">38165806</a>  <a href="#">DOI</a> 	Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t...	Dimitris Karagian nis ...11 more... Chao Lu	0	4.2 79	2	2	Cell Reports	2,0 24	Sep 28, 2024 (3 days ago)
<a href="#">38544285</a>  <a href="#">DOI</a> 	Repeated exposure to eucalyptus wood smoke alters pulmonary gene and metabolic profiles in male L...	Samuel J Cochran ...11 more... Kymberly M Gowdy	0	0.9 11	0	0	Toxicological Sciences	2,0 24	Sep 28, 2024 (3 days ago)
<a href="#">38926365</a>  <a href="#">DOI</a> 	METTL3-mediated chromatin contacts promote stress granule phase separation through metabolic repr...	Chen Wang ...17 more... Rugang Zhang	0	4.8 87	0	0	Nature Communications	2,0 24	Sep 28, 2024 (3 days ago)
<a href="#">39206133</a>  <a href="#">DOI</a> 	Phosphate availability conditions caspofungin tolerance, capsule	Xianya Qu	0	0.4 91	0	0	Frontiers in Fungal Biology	2,0 24	Sep 28,

	attachment and titan cell format...	...7 more... James W Kronstad								2024 (3 days ago)
<a href="#">39143213</a>  <a href="#">DOI</a> 	Mitochondrial complex I promotes kidney cancer metastasis.	Divya Bezwada ...36 more... Ralph J DeBerard inis	0	18. 50 9	0	0	Nature	2,0 24	Sep 30, 2024 (2 days 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 more... Todd R Graham	0	0.9	3	3	Scientific Reports	2,0 24	Sep 28, 2024 (3 days 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	2,0 23	Sep 28, 2024 (3 days ago)	
<a href="#">38001239</a>  <a href="#">DOI</a> 	IL-1β-mediated adaptive reprogramming of endogenous	Jamila H Siamwala	0	2.0 9	2	2	Communications Biology	2,0 23	Sep 28,	

	human cardiac fibroblasts to cells with immun...	...11 more... Richard J Gilbert									2024 (3 days ago)
<a href="#">38826219</a> <a href="#">DOI</a> <a href="#">↗</a>	Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can...	Sara Rahimine jad ...2 more... Shankar Subramaniam	0	0	0	0	Res Sq		2,024		Sep 28, 2024 (3 days ago)
<a href="#">37398141</a> <a href="#">DOI</a> <a href="#">↗</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 28, 2024 (3 days ago)
<a href="#">38286827</a> <a href="#">DOI</a> <a href="#">↗</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 28, 2024 (3 days 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	1	1	International Journal of Cancer	2,024	Sep 28, 2024 (3 days 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 28, 2024 (3 days 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	2	2	Nature Cancer	2,024	Sep 28, 2024 (3 days ago)
<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 28, 2024 (3 days 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 28, 2024 (3 days 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 28, 2024 (3 days 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 28, 2024 (3 days ago)

Ashay O  
Patel

Software repositories associated with this project.										Sep 28, 2024 (3 days ago)
Repositories										
Ashay O Patel										
Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzheimer's Disease										
37849634										
DOI										
Shankar Subramaniam										
Journal of Alzheimer's Disease Reports										
2,023										
0.635										
000										
20										
Alina										
No data										
38313293										
DOI										
Metabolic abnormalities in the bone marrow cells of young										
4000										
Res Sq										
2,024 (3 days ago)										
Name Tags Last Commit Avg Issue Avg PR Languages License Readme Contributing Dependencies										
No data										
Nicolas Philip										
Fatty acid metabolism promotes TRPV4 activity in lung microvascular endothelial cells in pulmonary, tracking changes to, and collaborating on a piece of software.										
38226418										
DOI										
American Journal of Physiology - Lung Cellular and Molecular Physiology										
2,024 (3 days ago)										
Suresh										
"Pull request", a draft change (new feature, bug fix, etc.) to a repo.										
Yuanli										
Closed/Open										
Resolved/unresolved.										
Zhen										
Average time issues/pull requests stay open for before being closed.										
38714664										
DOI										
Nature Communications										
2,024 (3 days ago)										
Only the main/default branch is considered for metrics like # of commits.										
Nabeel Bardeesy										
and confers metabolic vulnerabilities i...										

## 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](#).

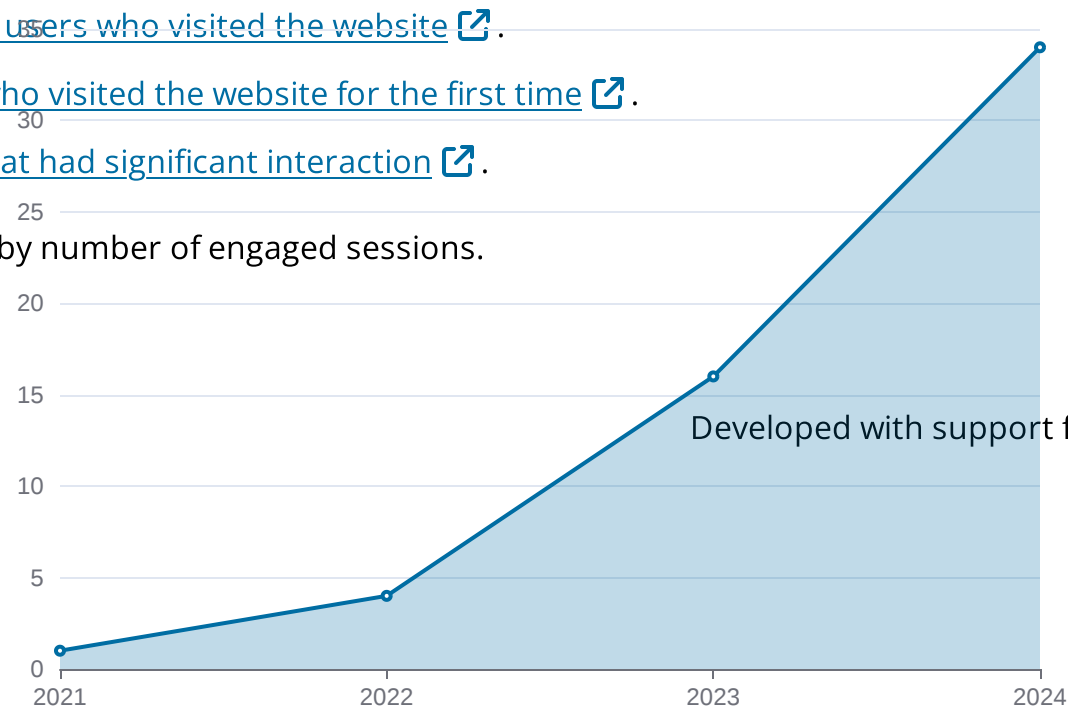
Engaged Sessions [Visits that had significant interaction](#).

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

Generated on Oct 2, 2024

### Cumulative Publications

Total: 34



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