



## 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> 	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 (5 days 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. 3 7	4.8 87	10	10	Nature Communications	2,0 23	Sep 28, 2024 (5 days 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	3. 3 5	7.1 92	10	10	Nature Metabolism	2,0 23	Sep 28, 2024 (5 days 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. 1 6	1.0 04	6	6	International Journal of Tryptophan Research	2,0 23	Sep 28, 2024 (5 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 Subramaniam	1. 8	1.8 68	23	7.6 67	Frontiers in Immunology	2,0 21	Sep 28, 2024 (5 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 (5 days ago)
<a href="#">37452018</a>  <a href="#">DOI</a> 	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata ...16 more... Guillermo Oliver	1. 7 7	4.8 87	6	6	Nature Communications	2,0 23	Sep 28, 2024 (5 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 (5 days ago)

<a href="#">35448980</a>  <a href="#">DOI</a> 	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahiminejad ...2 more... Shankar Subramaniam	0.17	1.087	2	1	BMC Cancer	2,022	Sep 28, 2024 (5 days ago)
<a href="#">37983749</a>  <a href="#">DOI</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 (5 days ago)
<a href="#">38165806</a>  <a href="#">DOI</a> 	Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t...	Dimitris Karagannis ...11 more... Chao Lu	0	4.279	2	2	Cell Reports	2,024	Sep 28, 2024 (5 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 (5 days ago)
<a href="#">38102827</a> <a href="#">DOI</a> <a href="#">↗</a>	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	Sep 28, 2024 (5 days ago)
<a href="#">38544285</a> <a href="#">DOI</a> <a href="#">↗</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	0.911	0	0	Toxicological Sciences	2,024	Sep 28, 2024 (5 days ago)
<a href="#">38926365</a> <a href="#">DOI</a> <a href="#">↗</a>	METTL3-mediated chromatin contacts promote stress granule phase separation through metabolic repr...	Chen Wang ...17 more...	0	4.887	0	0	Nature Communications	2,024	Sep 28, 2024 (5

		Rugang Zhang							days ago)
<a href="#">39206133</a> <a href="#">DOI</a> <a href="#">↗</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 28, 2024 (5 days ago)
<a href="#">39143213</a> <a href="#">DOI</a> <a href="#">↗</a>	Mitochondrial complex I promotes kidney cancer metastasis.	Divya Bezwada ...36 more... Ralph J DeBerardinis	0	18.509	0	0	Nature	2,024	Sep 30, 2024 (4 days ago)
<a href="#">38172157</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	0.9	3	3	Scientific Reports	2,024	Sep 28, 2024 (5 days ago)
<a href="#">38187579</a> <a href="#">DOI</a> <a href="#">↗</a>	Matrix Linear Models for connecting metabolite composition to individual characteristics.	Gregory Farage ...5 more...	0	0	0	0	bioRxiv	2,023	Sep 28, 2024 (5

		Śaunak Sen								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 Subrama niam	0	0	0	0	Res Sq	2,024	Sep 28, 2024 (5 days ago)	
<a href="#">38001239</a> <a href="#">DOI</a> <a href="#">↗</a>	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	2	2	Communications Biology	2,023	Sep 28, 2024 (5 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 (5 days ago)	
<a href="#">38286827</a> <a href="#">DOI</a> <a href="#">↗</a>	Loss of Pip4k2c confers liver-metastatic organotropism	Meri Rogava ...43	0	11.9	4	4	Nature Cancer	2,024	Sep 28, 2024	

	through insulin-dependent PI3K-AKT pathway...	more... Benjamin Izar							(5 days ago)
<a href="#">38813868</a> <a href="#">DOI</a> <a href="#">🔗</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 (5 days ago)
<a href="#">38844817</a> <a href="#">DOI</a> <a href="#">🔗</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 (5 days ago)
<a href="#">38651675</a> <a href="#">DOI</a> <a href="#">🔗</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 (5 days ago)
<a href="#">38975764</a> <a href="#">DOI</a> <a href="#">🔗</a>	Taurine modulates host cell responses to <i>Helicobacter pylori</i> VacA toxin.	Mandy D Westland ...5	0	1.042	0	0	Infection and Immunity	2,024	Sep 28, 2024



		more... Timothy L Cover								(5 days ago)
<a href="#">38018851</a> <a href="#">DOI</a> <a href="#">↗</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 (5 days ago)	
<a href="#">37849634</a> <a href="#">DOI</a> <a href="#">↗</a>	Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei...	Ashay O Patel ...2 more... Shankar Subrama niam	0	0.635	0	0	Journal of Alzheimer's Disease Reports	2,023	Sep 28, 2024 (5 days ago)	
<a href="#">37546759</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	0	0	0	0	Res Sq	2,023	Sep 28, 2024 (5 days ago)	
<a href="#">38313293</a> <a href="#">DOI</a> <a href="#">↗</a>	Metabolic abnormalities in the bone marrow cells of young	Maloyan Alina	0	0	0	0	Res Sq	2,024	Sep 28,	

offspring born to obese mothers. ...4	2024
more. Sushil Kumar	(5 days ago)

Repositories

Software repositories associated with this project.

										Sep 28,
	Gut microbiota and metabolites in			Ruoxi Dai						
Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.		
	menopausal transition fact th...			Yan Sun	No data					days ago)

Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies	
38226418		TRPV4 activity in lung	...	20	No data	1.3	2	2	Physiology - Lung	2,0
DOI		microvascular endothelial cells in	more...			39			Cellular and Molecular	24
		pulmonar...		Karthik Suresh					Physiology	days ago)
Notes										

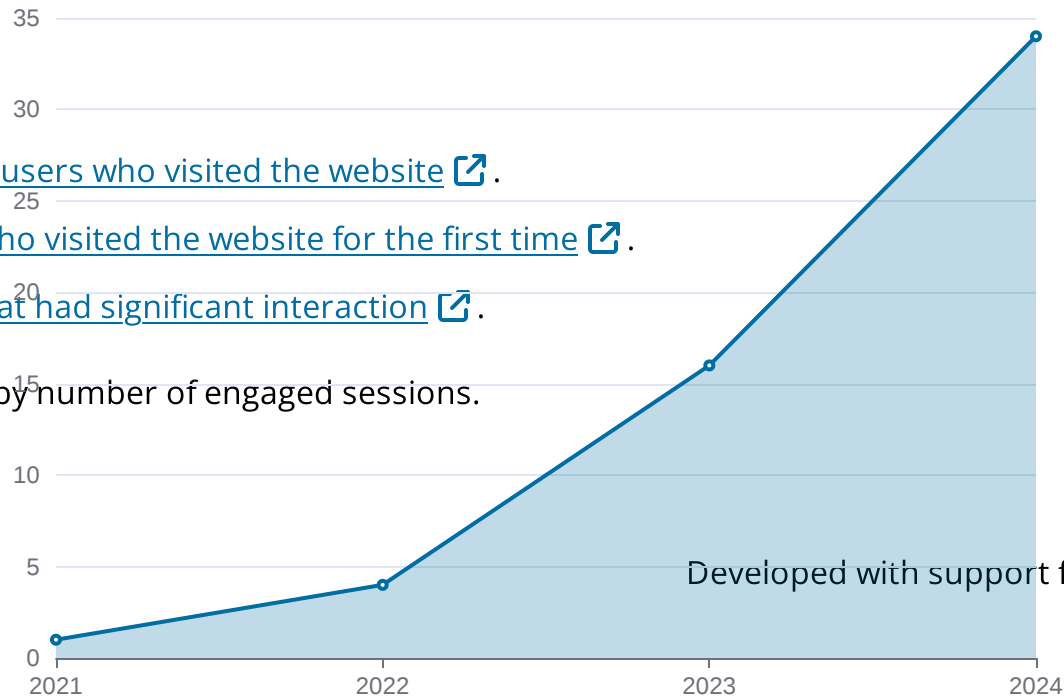
Repository					Yuanli Zhen					Sep 28,
		For storing, tracking changes to, and collaborating on a piece of software.								
38714664		"Dependent glucose change (new feature, bug fix, etc.) to a repo.		1		48	0	0	Nature	2,0
DOI		and confers metabolic	more...			87			Communications	24
Closed/Open		Resolved/unresolved.			Nabeel					days ago)
Avg Issue/PR		Average time issues/pull requests stay open for			Bardees					

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

Notes

## Analytics

Cumulative Publications  
Traffic metrics of websites associated with this project.  
Total: 34



## 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.

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