



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
34862502  DOI 	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 (6 days 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. 3 7	4.8 87	10	10	Nature Communications	2,0 23	Sep 28, 2024 (6 days ago)
37798473  DOI 	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 (6 days ago)
37441265  DOI 	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 (6 days ago)

34721400  DOI 	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 (6 days 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. 7 8	4.2 79	6	6	Cell Reports	2,0 23	Sep 28, 2024 (6 days ago)
37452018  DOI 	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 (6 days ago)
37515770  DOI 	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 (6 days ago)

35448980  DOI 	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 (6 days ago)
37983749  DOI 	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 (6 days ago)
38165806  DOI 	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 (6 days 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 28, 2024 (6 days ago)
38102827 DOI ↗	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 (6 days ago)
38544285 DOI ↗	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 (6 days ago)
38926365 DOI ↗	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 (6

		Rugang Zhang							days 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 28, 2024 (6 days ago)
39143213 DOI ↗	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 (5 days ago)
38172157 DOI ↗	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 (6 days ago)
38187579 DOI ↗	Matrix Linear Models for connecting metabolite composition to individual characteristics.	Gregory Farage ...5 more...	0	0	0	0	bioRxiv	2,023	Sep 28, 2024 (6

		Śaunak Sen								days ago)
38826219 DOI ↗	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 (6 days ago)	
38001239 DOI ↗	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 (6 days 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 28, 2024 (6 days ago)	
38286827 DOI ↗	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							(6 days 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 28, 2024 (6 days 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	2	2	Nature Cancer	2,024	Sep 28, 2024 (6 days 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	1	1	International Journal of Cancer	2,024	Sep 28, 2024 (6 days ago)
38975764 DOI 🔗	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								(6 days 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 28, 2024 (6 days ago)	
37849634 DOI ↗	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 (6 days 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 28, 2024 (6 days ago)	
38313293 DOI ↗	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...	(6
	Sushil	days
	Kumar	ago)

Repositories

Software repositories associated with this project.

	Gut microbiota and metabolites in	Ruoxi Dai	Sep
	menopausal transition fact th...	Yan Sun	28,
Name	Description	Stars	Watchers
		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					Physiology	days
			Suresh						ago)

Notes

Repository	For storing, tracking changes to, and collaborating on a piece of software.	Yuanli	Sep
	FGFR inhibition blocks NF-kB-	Zhen	28,
38714664	"Dependent glucose change (new feature, bug fix, etc.) to a repo.	0	2024
DOI	and confers metabolic	more...	(6
Closed/Open	Resolved/unresolved.	Nabeel	days
Avg Issue/PR	Average time issues/pull requests stay open for	Bardees	ago)

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

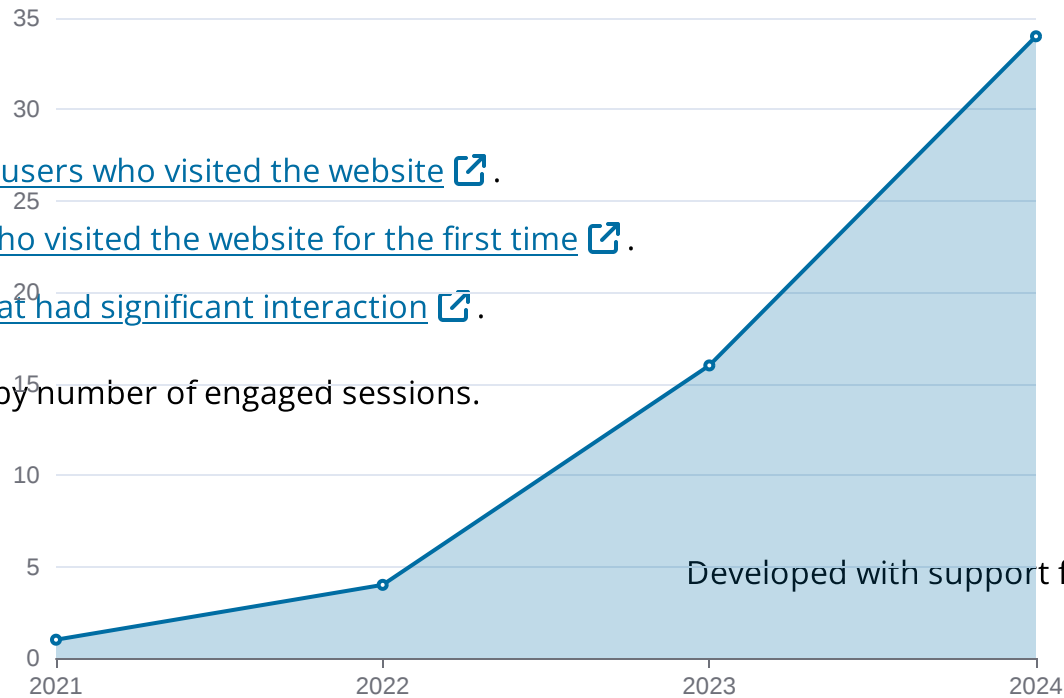
Active Users [Distinct users who visited the website](#).

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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