



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	2,022	Sep 28, 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. 3 7	4.8 87	10	10	Nature Communications	2,023	Sep 28, 2024 (3 weeks 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	2,023	Sep 28, 2024 (3 weeks ago)
37441265 DOI ↗	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan ...12 more...	2. 1 6	1.0 04	6	6	International Journal of Tryptophan Research	2,023	Sep 28, 2024 (3 week







		Gary H Perdew								s 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 8	1.8 68	23	7.6 67	Frontiers in Immunology	2,0 21	Sep 28, 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	1.7 8	4.2 79	6	6	Cell Reports	2,0 23	Sep 28, 2024 (3 weeks 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 (3 weeks ago)	
37515770 DOI ↗	The stability of the myelinating oligodendrocyte transcriptome is	Mathilde Pruvost	1.4	4.2 79	5	5	Cell Reports	2,0 23	Sep 28,	

	regulated by the nuclear lamina.	...16 more... Patrizia Casaccia	1							2024 (3 week s ago)
35448980  DOI 	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahimine jad ...2 more... Shankar Subrama niam	0. 1 7	1.0 87	2	1	BMC Cancer	2,0 22	Sep 28, 2024 (3 week s ago)	
37983749  DOI 	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasa n ...3 more... Shankar Subrama niam	0. 1 1	4.6 21	1	0.5	GigaScience	2,0 22	Sep 28, 2024 (3 week s ago)	
37849634  DOI 	Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei...	Ashay O Patel ...2 more... Shankar	0	0.6 35	0	0	Journal of Alzheimer's Disease Reports	2,0 23	Sep 28, 2024 (3 week	







		Subrama niam							s ago)
38226418  DOI 	Fatty acid metabolism promotes TRPV4 activity in lung microvascular endothelial cells in pulmonar...	Nicolas Philip ...20 more... Karthik Suresh	0	1.3 39	2	2	American Journal of Physiology - Lung Cellular and Molecular Physiology	2,0 24	Sep 28, 2024 (3 week s ago)
38714664  DOI 	FGFR inhibition blocks NF-κB-dependent glucose metabolism and confers metabolic vulnerabilities i...	Yuanli Zhen ...11 more... Nabeel Bardeesy	0	4.8 87	0	0	Nature Communications	2,0 24	Sep 28, 2024 (3 week s ago)
39206133  DOI 	Phosphate availability conditions caspofungin tolerance, capsule attachment and titan cell format...	Xianya Qu ...7 more... James W Kronstad	0	0.4 91	0	0	Frontiers in Fungal Biology	2,0 24	Sep 28, 2024 (3 week s ago)
38165806  DOI 	Metabolic reprogramming by histone deacetylase inhibition	Dimitris Karagian	0	4.2 79	2	2	Cell Reports	2,0 24	Sep 28,


	preferentially targets NRF2-activated t...	nis ...11 more... Chao Lu									2024 (3 week s 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 (3 week 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 28, 2024 (3 week s 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 (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 28, 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	1	1	International Journal of Cancer	2,024	Sep 28, 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 28, 2024 (3 weeks ago)
38544285 DOI ↗	Repeated exposure to eucalyptus wood smoke alters pulmonary gene and metabolic profiles in male L...	Samuel J Cochran ...11 more...	0	0.911	0	0	Toxicological Sciences	2,024	Sep 28, 2024 (3 weeks ago)

		Kymberly M Gowdy									s 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		2,0 24	Sep 28, 2024 (3 week s 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	2.0 9	2	2	Communications Biology		2,0 23	Sep 28, 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		2,0 24	Sep 28, 2024 (3 week s 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 28, 2024 (3 weeks ago)
38844817 DOI ↗	Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage cross-talk, promoting immunos...	Tommaso Sclaro ...36 more... Massimiliano Mazzone	0	11.9	2	2	Nature Cancer	2,024	Sep 28, 2024 (3 weeks ago)
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 28, 2024 (3 weeks ago)
37398141 DOI ↗	Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.	Adriana C Norris ...7 more...	0	0	1	1	bioRxiv	2,023	Sep 28, 2024 (3 weeks ago)

		Todd R Graham								s 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	2,0 24	Sep 28, 2024 (3 week s ago)	
38102827  DOI 	Modeling transcriptional regulation of the cell cycle using a novel cybernetic-inspired approach.	Rubesh Raja ...5 more... Doraiswa mi Ramkrish na	0	1.1 88	0	0	Biophysical Journal	2,0 24	Sep 28, 2024 (3 week s 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	2,0 24	Sep 28, 2024 (3 week s ago)	

 Repositories

Software repositories associated with this project.

Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.	
				No data				Sep 28, 2024	
	METTL3-mediated chromatin		Chen Wang						
Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies
		metabolic repr...		Rugang Zhang	No data				2 weeks ago)
				Divya Bezwada					Sep 30, 2024
Repository	39143213	MITochondria: mitochondrial DNA, and collaborating on a piece of software.		18					2,024
DOI		"promotes kidney cancer metastasis."		more...	0	50	0	0	Nature
PR		"Pull request", a draft change (new feature, bug fix, etc.) to a repo.		Ralph J					24 weeks ago)
Closed/Open		Resolved/unresolved.		DeBerard					
Avg Issue/PR		Average time issues/pull requests stay open for before being closed.		inis					

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

of dependencies is totaled from all manifests in repo, direct and transitive, e.g. `package.json` + `package-lock.json`.

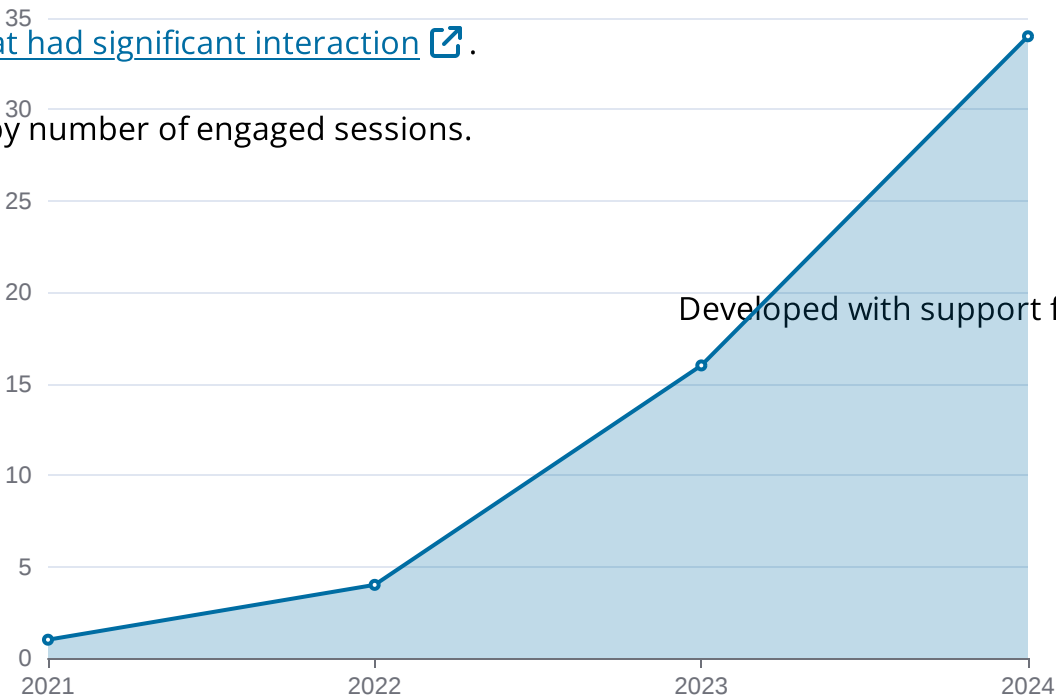
Analytics

Traffic metrics of websites associated with this project.

Notes

Active Users [Distinct users who visited the website](#) [Cumulative Publications](#)
New Users [Users who visited the website for the first time](#) [Total: 34](#)
Engaged Sessions [Visits that had significant interaction](#) [Total: 34](#)

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



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