



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 on s	Cit. /ye ar	Journal	Pub lish ed	Upda ted
34862502 DOI ↗	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)
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	3.15	4.887	9	9	Nature Communications	2,023	Sep 1, 2024 (3 weeks ago)
37798473 DOI ↗	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)
37441265 DOI ↗	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan ...12 more...	2.3	1.004	6	6	International Journal of Tryptophan Research	2,023	Sep 1, 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. 7 4	1.8 68	22	7.3 33	Frontiers in Immunology	2,0 21	Sep 1, 2024 (3 week s ago)	
37452018  DOI 	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata ...16 more... Guillerm o Oliver	1. 6 6	4.8 87	5	5	Nature Communications	2,0 23	Sep 1, 2024 (3 week s ago)	
37815914  DOI 	MYC is a regulator of androgen receptor inhibition-induced metabolic requirements in prostate can...	Preston D Crowell ...23 more... Andrew S Goldstei n	1. 5 9	4.2 79	5	5	Cell Reports	2,0 23	Sep 1, 2024 (3 week s ago)	
35448980  DOI 	Modular and mechanistic changes across stages of colorectal	Sara Rahimine	0. 1	1.0 87	2	1	BMC Cancer	2,0 22	Sep 1,	

	cancer.	jad ...2 more... Shankar Subrama niam	8								2024 (3 week s ago)
37983749  DOI 	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasa n ...3 more... Shankar Subrama niam	0. 1 2	4.6 21	1	0.5	GigaScience		2,0 22	Sep 1, 2024 (3 week s ago)	
37515770  DOI 	The stability of the myelinating oligodendrocyte transcriptome is regulated by the nuclear lamina.	Mathilde Pruvost ...16 more... Patrizia Casaccia	0	4.2 79	4	4	Cell Reports		2,0 23	Sep 1, 2024 (3 week s ago)	
37546759  DOI 	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate...	Anne Miller ...7 more...	0	0	0	0	Res Sq		2,0 23	Sep 24, 2024 (18 hour	

		Gary Yellen								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 1, 2024 (3 weeks 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	2	2	Scientific Reports	2,024	Sep 1, 2024 (3 weeks ago)	
38826219 DOI ↗	Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can...	Sara Rahiminejad ...2 more... Shankar Subramaniam	0	0	0	0	Res Sq	2,024	Sep 1, 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 1, 2024 (3 weeks ago)
38226418  DOI 	Fatty acid metabolism promotes TRPV4 activity in lung microvascular endothelial cells in pulmonar...	Nicolas Philip ...20 more... Karthik Suresh	0	1.339	2	2	American Journal of Physiology - Lung Cellular and Molecular Physiology	2,024	Sep 1, 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	0	0	International Journal of Cancer	2,024	Sep 1, 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...	0	3.932	1	1	eLife	2,024	Sep 1, 2024 (3 weeks ago)

		Patrick S Western								s 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	1	1	Nature Cancer	2,024	Sep 1, 2024 (3 weeks ago)	
38926365  DOI 	METTL3-mediated chromatin contacts promote stress granule phase separation through metabolic repr...	Chen Wang ...17 more... Rugang Zhang	0	4.887	0	0	Nature Communications	2,024	Sep 1, 2024 (3 weeks 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 1, 2024 (3 weeks 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 1, 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... Kymberly M Gowdy	0	0.911	0	0	Toxicological Sciences	2,024	Sep 1, 2024 (3 weeks 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 3, 2024 (3 weeks ago)
38286827 DOI ↗	Loss of Pip4k2c confers liver-metastatic organotropism through insulin-dependent PI3K-AKT pathway...	Meri Rogava ...43 more...	0	11.9	4	4	Nature Cancer	2,024	Sep 1, 2024 (3 weeks ago)

		Benjamin Izar								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	2,024	Sep 1, 2024 (3 weeks 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 24, 2024 (18 hours 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 1, 2024 (3 weeks ago)	
38018851 DOI ↗	Lipidomic Analysis Reveals Differences in the Extent of	Nishama De Silva	0	1.299	0	0	Journal of Proteome Research	2,024	Sep 24,	

	Remyelination in the Brain and Spinal Cord.	Mohotti ...5 more... Meredith D Hartley								2024 (18 hour s ago)
37849634 DOI ↗	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	2,0 23		Sep 1, 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)	2,0 23		Sep 1, 2024 (3 week s ago)
Software repositories associated with this project.										

Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.	
38165806 DOI ↗	histone deacetylase inhibition preferentially targets NRF2-activated t...		nis ...11 more... Chao Lu	No data 0 4.2 79	2	2	Cell Reports	2,0 24	2024 (18 hour s ago)

Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies
No data									

Notes							Sep 1, 2024 (3 weeks ago)
		Yuanli					
Repository	FGFR inhibition blocks NF-κB-dependent glucose metabolism	Zhen ...11	4.8	Nature	2,0		
DOI	"Pull request", a draft change (new feature, bug fix, etc.) to a repo. and enters metabolic vulnerabilities i	more...s	0	Communications	24		
Closed/Open	Resolved/unresolved.	Nabeel Bardeesy					
Avg Issue/PR	Average time issues/pull requests stay open for before being closed.						

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 

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.

