



Core Project OT2OD030544











Details









Projects	Name	Award	Publications	Repositories	Analytics
3OT2OD030544-01S1 1OT2OD030544-01 3OT2OD030544-01S3 3OT2OD030544-01S2 3OT2OD030544-01S4	Biomedical Data Commons Workbench (BDCW)	\$3,229,346.00	37 publications	0 repositories	0 properties









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. 6 7	14. 79 6	30	15	Nature Methods	2,0 22	Oct 26, 2024 (3 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	4. 0 3	4.8 87	12	12	Nature Communications	2,0 23	Oct 26, 2024 (3 days ago)
37798473  DOI 	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate...	Anne Miller ...7 more... Gary Yellen	3. 6 5	7.1 92	11	11	Nature Metabolism	2,0 23	Oct 26, 2024 (3 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. 2 9	1.0 04	7	7	International Journal of Tryptophan Research	2,0 23	Oct 26, 2024 (3 days ago)









34721400  DOI 	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	Oct 26, 2024 (3 days ago)
37452018  DOI 	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata ...16 more... Guillermo Oliver	1. 6 1	4.8 87	6	6	Nature Communications	2,0 23	Oct 26, 2024 (3 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. 5 8	4.2 79	6	6	Cell Reports	2,0 23	Oct 26, 2024 (3 days ago)
37515770  DOI 	The stability of the myelinating oligodendrocyte transcriptome is regulated by the nuclear lamina.	Mathilde Pruvost ...16 more... Patrizia Casaccia	1. 2 4	4.2 79	5	5	Cell Reports	2,0 23	Oct 26, 2024 (3 days ago)

38001239 DOI ↗	IL-1 β -mediated adaptive reprogramming of endogenous human cardiac fibroblasts to cells with immun...	Jamila H Siamwala ...11 more... Richard J Gilbert	0.52	2.09	2	2	Communications Biology	2,023	Oct 26, 2024 (3 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	0.32	0	1	1	bioRxiv	2,023	Oct 26, 2024 (3 days ago)
35448980 DOI ↗	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahimine jad ...2 more... Shankar Subramaniam	0.17	1.087	2	1	BMC Cancer	2,022	Oct 26, 2024 (3 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	Oct 26, 2024 (3 days 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	Oct 26, 2024 (3 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	Oct 26, 2024 (3 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	Oct 26, 2024 (3 days ago)
38714664  DOI 	FGFR inhibition blocks NF-κB-dependent glucose metabolism and confers metabolic vulnerabilities i...	Yuanli Zhen ...11 more... Nabeel Bardeesy	0	4.887	0	0	Nature Communications	2,024	Oct 26, 2024 (3 days 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	Oct 26, 2024 (3 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	Oct 26, 2024 (3 days ago)

37849634  DOI 	Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei...	Ashay O Patel ...2 more... Shankar Subramaniam	0	0.635	0	0	Journal of Alzheimer's Disease Reports	2,023	Oct 26, 2024 (3 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	Oct 26, 2024 (3 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	Oct 26, 2024 (3 days 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	2,024	Oct 26, 2024 (3 days 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	3	3	Nature Cancer	2,024	Oct 26, 2024 (3 days ago)
39300135  DOI 	Gut symbiont-derived sphingosine modulates vector competence in Aedes mosquitoes.	Xiaomei Sun ...12 more... Zhen Zou	0	4.887	0	0	Nature Communications	2,024	Oct 26, 2024 (3 days ago)
39420002  DOI 	Methionine-SAM metabolism-dependent ubiquinone synthesis is crucial for ROS accumulation in ferro...	Chaoyi Xia ...13 more... Yang Wang	0	4.887	0	0	Nature Communications	2,024	Oct 26, 2024 (3 days 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	Oct 26, 2024 (3 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	Oct 26, 2024 (3 days 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	Oct 26, 2024 (3 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	2	2	International Journal of Cancer	2,024	Oct 26, 2024 (3 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	Oct 26, 2024 (3 days ago)
39257804  DOI 	Structural and systems characterization of phosphorylation on metabolic enzymes identifies sex-sp...	Tigist Y Tamir ...15 more... Forest M White	0	0	0	0	bioRxiv	2,024	Oct 26, 2024 (3 days 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	Oct 26, 2024 (3 days ago)
37546759  DOI 	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate...	 Repositories Anne Miller ...7 more... Gary Yellen	Software repositories associated with this project.				Res Sq	2,023	Oct 26, 2024 (3 days ago)

Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.		
No data										
Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies	
38226418		fatty acid metabolism promotes	TRPV4 activity in lung	...20	No data	1.3	2	2	American Journal of	20,
	DOI		microvascular endothelial cells in	more...		39			Physiology - Lung	2,0
			pulmonar...	Karthik Suresh					Cellular and Molecular Physiology	24
Notes										

Repository	For storing, tracking changes to, and collaborating on a piece of software.									Oct 26, 2024
PR	38165806	Metabolic reprogramming by "Pull request", a draft change (new feature, bug fix, etc.) to a repo.			Karagian	4.2	2	2	Cell Reports	2,0 2024
Closed		Open	Resolved/unresolved	Resolved/unresolved	...11	0	79			24 (3 days ago)
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.									Adriana C	Oct 26,
# of dependencies is totaled from all manifests in repo, direct and transitive, e.g. package.json + package-lock.json.									NOHS	

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 30, 2024

Developed with support from NIH Award [U54 OD036472](#)

38826219 	Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can...	jad ...2 more... Shankar Subrama niam	0	0	0	0	Res Sq	2,0 24	26, 2024 (3 days ago)
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Notes

RCR [Relative Citation Ratio](#) 

SJR [Scimago Journal Rank](#) 

Cumulative Publications

Total: 37

