



Core Project OT2OD030544











Details









Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD030544-01	Biomedical Data Commons	\$3,229,346.00	37 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	Cita tion s	Cit./ yea r	Journal	Publ ishe d	Upda ted
34862502  DOI 	GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser.	Daniel Petras ...33 more... Mingxun Wang	5. 6 5	0	31	15. 5	Nat Methods	2022	Dec 1, 2024 (2 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. 4	0	11	11	Nat Commun	2023	Dec 1, 2024 (2 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	0	11	11	Nat Metab	2023	Dec 1, 2024 (2 weeks ago)
38286827  DOI 	Loss of Pip4k2c confers liver-metastatic organotropism through insulin-dependent PI3K-AKT pathway...	Meri Rogava ...43 more... Benjamin Izar	2. 8 1	0	5	5	Nat Cancer	2024	Dec 1, 2024 (2 weeks 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	0	7	7	Int J Tryptophan Res	2023	Dec 1, 2024 (2 weeks ago)
34721400  DOI 	Immune Response in Severe and Non-Severe Coronavirus Disease 2019 (COVID-19) Infection: A Mechanism...	Kavitha Mukund ...6 more... Shankar Subramaniam	1. 7 6	0	23	7.6 67	Front Immunol	2021	Dec 1, 2024 (2 weeks ago)
37815914  DOI 	MYC is a regulator of androgen receptor inhibition-induced metabolic requirements in prostate cancer cells.	Preston D Crowell ...23 more... Andrew S Goldstein	1. 5 1	0	7	7	Cell Rep	2023	Dec 1, 2024 (2 weeks ago)
37452018  DOI 	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata ...16 more... Guillermo Oliver	1. 4 8	0	6	6	Nat Commun	2023	Dec 1, 2024 (2 weeks ago)









37515770  DOI 	The stability of the myelinating oligodendrocyte transcriptome is regulated by the nuclear lamina.	Mathilde Pruvost ...16 more... Patrizia Casaccia	1. 1 4	0	5	5	Cell Rep	2023	Dec 1, 2024 (2 weeks 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. 4 8	0	2	2	Commun Biol	2023	Dec 1, 2024 (2 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. 3	0	1	1	bioRxiv	2023	Dec 1, 2024 (2 weeks ago)
35448980  DOI 	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahiminejad ...2 more... Shankar Subramaniyam	0. 2 7	0	3	1.5	BMC Cancer	2022	Dec 1, 2024 (2 weeks ago)

37983749  DOI 	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasan ...3 more... Shankar Subramani am	0.11	0	1	0.5	Gigascience	2022	Dec 1, 2024 (2 weeks 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	2023	Dec 1, 2024 (2 weeks 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)	2023	Dec 1, 2024 (2 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	2023	Dec 1, 2024 (2 weeks ago)

38102827  DOI 	Modeling transcriptional regulation of the cell cycle using a novel cybernetic-inspired approach.	Rubesh Raja ...5 more... Doraiswami Ramkrishna	0	0	0	0	Biophys J	2024	Dec 1, 2024 (2 weeks ago)
38318337  DOI 	Exploring the interplay between running exercises, microbial diversity, and tryptophan metabolism...	Alejandra Vazquez-Medina ...6 more... Nataliya Chorna	0	0	0	0	Front Microbiol	2024	Dec 1, 2024 (2 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	0	2	2	Int J Cancer	2024	Dec 1, 2024 (2 weeks ago)
39143213  DOI 	Mitochondrial complex I promotes kidney cancer metastasis.	Divya Bezwada ...36 more... Ralph J DeBerardinis	0	0	2	2	Nature	2024	Dec 1, 2024 (2 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	2024	Dec 1, 2024 (2 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	3	3	Sci Rep	2024	Dec 1, 2024 (2 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	0	0	Toxicol Sci	2024	Dec 1, 2024 (2 weeks ago)
39206133  DOI 	Phosphate availability conditions caspofungin tolerance, capsule attachment and titan cell format...	Xianya Qu ...7 more... James W Kronstad	0	0	1	1	Front Fungal Biol	2024	Dec 1, 2024 (2 weeks 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	2024	Dec 1, 2024 (2 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	0	0	0	Infect Immun	2024	Dec 1, 2024 (2 weeks ago)
38926365  DOI 	METTL3-mediated chromatin contacts promote stress granule phase separation through metabolic repr...	Chen Wang ...17 more... Rugang Zhang	0	0	0	0	Nat Commun	2024	Dec 1, 2024 (2 weeks ago)
38165806  DOI 	Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t...	Dimitris Karagiannis ...11 more... Chao Lu	0	0	2	2	Cell Rep	2024	Dec 1, 2024 (2 weeks 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	0	0	0	J Proteome Res	2024	Dec 1, 2024 (2 weeks ago)
38714664  DOI 	FGFR inhibition blocks NF-κB-dependent glucose metabolism and confers metabolic vulnerabilities i...	Yuanli Zhen ...11 more... Nabeel Bardeesy	0	0	0	0	Nat Commun	2024	Dec 1, 2024 (2 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	0	1	1	Elife	2024	Dec 1, 2024 (2 weeks ago)
38844817  DOI 	Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage cross-talk, promoting immunos...	Tommaso Scolaro ...36 more... Massimiliano Mazzone	0	0	4	4	Nat Cancer	2024	Dec 1, 2024 (2 weeks ago)

39420002 DOI ↗	Methionine-SAM metabolism-dependent ubiquinone synthesis is crucial for ROS accumulation in ferro...	Chaoyi Xia ...13 more... Yang Wang	0	0	0	0	Nat Commun	2024	Dec 1, 2024 (2 weeks ago)
37849634 DOI ↗	Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei...	Ashay O Patel ...2 more... Shankar Subramani	0	0	0	0	J Alzheimers Dis Rep	2023	Dec 1, 2024 (2 weeks ago)
</> Repositories									
38226418 DOI ↗	Fatty acid metabolism promotes TRPV4 activity in lung microvascular endothelial cells in pulmonar...	Nicolas Philip ...20 more... Karthik	0	0	2	2	Am J Physiol Lung Cell Mol Physiol	2024	Dec 1, 2024 (2 weeks ago)
Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.	
38313793 ↗	Metabolic abnormalities in the bone	No data	Maloyan Alina					202	Dec 1, 2024
Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies
					Kumar	No data			week s ago)

Notes

Repository	For storing, tracking changes to, and collaborating on a piece of software.									
PR	"Pull request", a draft change (new feature, bug fix, etc.) to a repo.									
Closed/Open	Resolved/unresolved.	Xiaomei								
39300135 	Gut symbiont-derived sphingosine	Sun								
	Average time issues/pull requests stay open for before being closed.	0	0	0	0	0	0	0	0	0
DOI 	modulates vector competence in Aedes mosquitoes	Nat Commun								
		2024								
		4								
		(2								
		week								
		ago)								

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.

