



Core Project OT2OD030544









Details

Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD030544-01	Biomedical Data Commons	\$3,229,346.00	42 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 ons	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	5.8	0	32	16	Nat Methods	2022	Dec 28, 2024 (2 weeks ago)
37798473  DOI 	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate...	Anne Miller ...7 more... Gary Yellen	3.71	0	13	13	Nat Metab	2023	Dec 29, 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	3.24	0	11	11	Nat Commun	2023	Dec 29, 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	2.67	0	5	5	Nat Cancer	2024	Dec 28, 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	2.51	0	8	8	Int J Tryptophan Res	2023	Dec 29, 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	2.22	0	5	5	Nat Cancer	2024	Dec 29, 2024 (2 weeks ago)
34721400 DOI ↗	Immune Response in Severe and Non-Severe Coronavirus Disease 2019 (COVID-19) Infection: A Mechani...	Kavitha Mukund ...6 more... Shankar	1.73	0	23	7.667	Front Immunol	2021	Dec 29, 2024 (2 weeks ago)









		Subrama niam							s ago)
37452018 DOI ↗	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata ...16 more... Guillermo Oliver	1. 6 2	0	7	7	Nat Commun	2023	Dec 29, 2024 (2 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. 5 8	0	8	8	Cell Rep	2023	Dec 29, 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. 0 9	0	5	5	Cell Rep	2023	Dec 29, 2024 (2 weeks ago)
38001239 DOI ↗	IL-1β-mediated adaptive reprogramming of endogenous	Jamila H Siamwala ...11	0. 4 5	0	2	2	Commun Biol	2023	Dec 29, 2024







	human cardiac fibroblasts to cells with immun...	more... Richard J Gilbert									(2 week s 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. 2 8	0	1	1	bioRxiv	202 3		Dec 29, 2024 (2 week s ago)	
35448980  DOI 	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahiminej ad ...2 more... Shankar Subrama niam	0. 2 6	0	3	1.5	BMC Cancer	202 2		Dec 28, 2024 (2 week s ago)	
37983749  DOI 	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasa n ...3 more... Shankar Subrama niam	0. 1	0	1	0.5	Gigascience	202 2		Dec 29, 2024 (2 week s ago)	







37849634  DOI 	Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei...	Ashay O Patel ...2 more... Shankar Subramaniam	0	0	0	0	J Alzheimers Dis Rep	2023	Dec 29, 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	Jan 12, 2025 (8 hours ago)
38714664  DOI 	FGFR inhibition blocks NF-κB-dependent glucose metabolism and confers metabolic vulnerabilities i...	Yuanli Zhen ...11 more... Nabeel Bardeesy	0	0	1	1	Nat Commun	2024	Dec 28, 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 28, 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 28, 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 28, 2024 (2 weeks ago)
38165806  DOI 	Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t...	Dimitris Karagianis ...11	0	0	2	2	Cell Rep	2024	Dec 28, 2024 (2 weeks ago)



		more... Chao Lu								s ago)
38226418 DOI ↗	Fatty acid metabolism promotes TRPV4 activity in lung microvascular endothelial cells in pulmonar...	Nicolas Philip ...20 more... Karthik Suresh	0	0	2	2	Am J Physiol Lung Cell Mol Physiol	2024	Dec 28, 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	2	2	Elife	2024	Dec 29, 2024 (2 weeks ago)	
39300135 DOI ↗	Gut symbiont-derived sphingosine modulates vector competence in Aedes mosquitoes.	Xiaomei Sun ...12 more... Zhen Zou	0	0	0	0	Nat Commun	2024	Dec 29, 2024 (2 weeks ago)	
39754192 DOI ↗	Integrative multiomics reveals common endotypes across PSEN1,	Phoebe Valdes ...8	0	0	0	0	Alzheimers Res Ther	2025	Jan 7, 2025 (6	

	PSEN2, and APP mutations in familia...	more... Shankar Subrama niam								days ago)
39535921  DOI 	Cancer-associated fibroblasts maintain critical pancreatic cancer cell lipid homeostasis in the t...	Xu Han ...13 more... M Celeste Simon	0	0	0	0	Cell Rep	2024	Jan 5, 2025 (1 week 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 28, 2024 (2 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	2023	Dec 29, 2024 (2 week s ago)	
38651675  DOI 	A nested case-control study of untargeted plasma metabolomics	Mohamm ad L Rahman	0	0	2	2	Int J Cancer	2024	Dec 28, 2024	

	and lung cancer among never-smoking...	...12 more... Qing Lan									(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 29, 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 29, 2024 (2 weeks ago)	
39143213  DOI 	Mitochondrial complex I promotes kidney cancer metastasis.	Divya Bezwada ...36 more... Ralph J DeBerardinis	0	18.509	3	3	Nature	2024		Jan 4, 2025 (1 week 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 29, 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 29, 2024 (2 weeks ago)
39707873  DOI 	Salivary Metabolomic Signatures in Pediatric Eosinophilic Esophagitis.	Girish Hiremath ...6 more... Andrea Locke	0	3.073	0	0	Allergy: European Journal of Allergy and Clinical Immunology	2025	Jan 12, 2025 (8 hours ago)

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

Notes	Adriana C Norris	Dec 28, 2024 (2 weeks ago)
38172157  DOI  Repository PR Closed/Open Avg Issue/PR Only the main/default branch is considered for metrics like # of commits.	Deficiency of the lipid flippase for stopping, asking changes to, and collaborating on a piece of software. more... "Pull request", a draft change (new feature, bug fix, etc.) to a repo. Resolved/unresolved. Average time issues/pull requests stay open for before being closed. METTL3-mediated chromatin	Sci Rep 2024 4

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.	

RCR [Relative Citation Ratio](#)

SJR [Scimago Journal Rank](#)

