



Core Project OT2OD030544











Details









Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD030544-01	Biomedical Data Commons	\$3,229,346.00	40 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	Upd ated
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 (1 week ago)
37798473  DOI 	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate...	Anne Miller ...7 more... Gary Yellen	3. 7 1	0	13	13	Nat Metab	2023	Dec 29, 2024 (1 week 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. 2 4	0	11	11	Nat Commun	2023	Dec 29, 2024 (1 week ago)
38286827  DOI 	Loss of Pip4k2c confers liver-metastatic organotropism through insulin-dependent PI3K-AKT pathway...	Meri Rogava ...43 more... Benjamin Izar	2. 6 7	0	5	5	Nat Cancer	2024	Dec 28, 2024 (1 week ago)

37441265  DOI 	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan ...12 more... Gary H Perdew	2. 5 1	0	8	8	Int J Tryptophan Res	2023	Dec 29, 2024 (1 week ago)
38844817  DOI 	Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage cross-talk, promoting immunos...	Tommaso Scolaro ...36 more... Massimiliano Mazzone	2. 2 2	0	5	5	Nat Cancer	2024	Dec 29, 2024 (1 week 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. 7 3	0	23	7.6 67	Front Immunol	2021	Dec 29, 2024 (1 week 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 (1 week 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 (1 week 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 (1 week 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 5	0	2	2	Commun Biol	2023	Dec 29, 2024 (1 week 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	2023	Dec 29, 2024 (1 week ago)









35448980 DOI ↗	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahiminejad ...2 more... Shankar Subramaniam	0.26	0	3	1.5	BMC Cancer	2022	Dec 28, 2024 (1 week ago)
37983749 DOI ↗	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasan ...3 more... Shankar Subramaniam	0.1	0	1	0.5	Gigascience	2022	Dec 29, 2024 (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 (1 week ago)
38714664 DOI ↗	FGFR inhibition blocks NF-κB-dependent glucose metabolism and confers metabolic vulnerabilities i...	Yuanli Zhen ...11 more...	0	0	1	1	Nat Commun	2024	Dec 28, 2024 (1

		Nabeel Bardeesy								week 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 (1 week ago)	
39305905 DOI ↗	DRMY1 promotes robust morphogenesis in Arabidopsis by sustaining the translation of cytokinin-sig...	Shuyao Kong ...10 more... Adrienne H K Roeder	0	0	3	3	Dev Cell	2024	Dec 29, 2024 (1 week 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 (1 week ago)	
39707873 DOI ↗	Salivary Metabolomic Signatures in Pediatric Eosinophilic Esophagitis.	Girish Hiremath ...6 more...	0	3.073	0	0	Allergy: European Journal of Allergy and Clinical Immunology	2024	Dec 29, 2024 (1	

		Andrea Locke								week 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 (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 (1 week 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 29, 2024 (1 week ago)	
38102827  DOI 	Modeling transcriptional regulation of the cell cycle using a novel cybernetic-inspired approach.	Rubesh Raja ...5 more... Doraiswami	0	0	0	0	Biophys J	2024	Dec 28, 2024 (1 week ago)	

		Ramkrishna								
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 (1 week 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 (1 week 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 29, 2024 (1 week 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 28, 2024 (1 week 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 (1 week 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 (1 week 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 (1 week 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 28, 2024 (1 week 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 (3 days ago)
39702518  DOI 	Proteomic and metabolomic analyses of the human adult myocardium reveal ventricle-specific regula...	Benjamin Hunter ...11 more... Sean Lal	0	0	0	0	Commun Biol	2024	Jan 5, 2025 (2 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	0	0	0	J Proteome Res	2024	Dec 28, 2024 (1 week 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	2024	Dec 28, 2024 (1 week ago)

Notes Open Resolved/unresolved.

Avg Issue/PR RCR Average time issues/pull requests stay open for before being closed.

[Relative Citation Ratio](#)

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

[Scopus Journal Rank](#)

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

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.

