

## **L** Core Project OT2OD030544

## O Details

Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD030544-01	Biomedical Data Commons	\$3,229,346.00	38 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	SJR	Cita tion s	Cit./ yea r	Journal	Publ ishe d	Upda ted
34862502 <b>乙</b> DOI <b>乙</b>	GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser.	Daniel Petras33 more Mingxun Wang	5. 6 5	0	31	15. 5	Nat Methods	202 2	Dec 1, 2024 (3 week s 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	202 3	Dec 1, 2024 (3 week s 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	202 3	Dec 1, 2024 (3 week s ago)
38286827 <b>2</b> DOI <b>2</b>	Loss of Pip4k2c confers liver-metastatic organotropism through insulindependent PI3K-AKT pathway	Meri Rogava 43 more Benjamin Izar	2. 8 1	0	5	5	Nat Cancer	202 4	Dec 1, 2024 (3 week s 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	202 3	Dec 1, 2024 (3 week s ago)
34721400 🗹 DOI 🗹	Immune Response in Severe and Non- Severe Coronavirus Disease 2019 (COVID-19) Infection: A Mechani	Kavitha Mukund 6 more Shankar Subramani am	1. 7 6	0	23	7.6 67	Front Immunol	202 1	Dec 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 Goldstein	1. 5 1	0	7	7	Cell Rep	202 3	Dec 1, 2024 (3 week s 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	202 3	Dec 1, 2024 (3 week s ago)

37515770 <b>乙</b> DOI <b>乙</b>	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	202 3	Dec 1, 2024 (3 week s ago)
38001239 <b>乙</b> DOI <b>乙</b>	IL-1β-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	202 3	Dec 1, 2024 (3 week s ago)
37398141 🗗	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	202 3	Dec 1, 2024 (3 week s ago)
<u>35448980</u> ♂ DOI ♂	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahimineja d 2 more Shankar Subramani am	0. 2 7	0	3	1.5	BMC Cancer	202 2	Dec 1, 2024 (3 week s ago)

37983749 🗷	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasan 3 more Shankar Subramani am	0. 1 1	0	1	0.5	Gigascience	202 2	Dec 1, 2024 (3 week s ago)
38102827 🗗 DOI 🗗	Modeling transcriptional regulation of the cell cycle using a novel cyberneticinspired approach.	Rubesh Raja 5 more Doraiswa mi Ramkrishn a	0	0	0	0	Biophys J	202 4	Dec 1, 2024 (3 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	202 3	Dec 1, 2024 (3 week s ago)
37849634 🗷 DOI 🗗	Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei	Ashay O Patel 2 more Shankar Subramani am	0	0	0	0	J Alzheimers Dis Rep	202 3	Dec 1, 2024 (3 week 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	202 4	Dec 1, 2024 (3 week s ago)
38187579 <b>♂</b> DOI <b>♂</b>	Matrix Linear Models for connecting metabolite composition to individual characteristics.	Gregory Farage 5 more Śaunak Sen	0	0	0	0	bioRxiv	202 3	Dec 1, 2024 (3 week s 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	202 4	Dec 1, 2024 (3 week s ago)
38844817 <b>②</b> DOI <b>②</b>	Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage crosstalk, promoting immunos	Tommaso Scolaro 36 more Massimilia no Mazzone	0	0	4	4	Nat Cancer	202 4	Dec 1, 2024 (3 week s 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	202 4	Dec 1, 2024 (3 week s ago)
39420002 🗗	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	202 4	Dec 1, 2024 (3 week s 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	202 4	Dec 1, 2024 (3 week 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	202 4	Dec 1, 2024 (3 week s ago)

38651675 🗹 DOI 🗹	A nested case-control study of untargeted plasma metabolomics and lung cancer among never-smoking	Mohamma d L Rahman 12 more Qing Lan	0	0	2	2	Int J Cancer	202 4	Dec 1, 2024 (3 week s ago)
39305905 🗹 DOI 🗹	DRMY1 promotes robust morphogenesis in Arabidopsis by sustaining the translation of cytokininsig	Shuyao Kong 10 more Adrienne H K Roeder	0	0	3	3	Dev Cell	202 4	Dec 12, 2024 (1 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	202 4	Dec 1, 2024 (3 week s ago)
38161977 <b>♂</b> DOI <b>♂</b>	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)	202 3	Dec 1, 2024 (3 week s ago)

38826219 <b>♂</b> DOI <b>♂</b>	Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can	Sara Rahimineja d 2 more Shankar Subramani am	0	0	0	0	Res Sq	202 4	Dec 1, 2024 (3 week s ago)
38544285 🗗	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	202 4	Dec 1, 2024 (3 week s ago)
38165806 ☑ DOI ☑	Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t	Dimitris Karagianni s 11 more Chao Lu	0	0	2	2	Cell Rep	202 4	Dec 1, 2024 (3 week s ago)
38318337 <b>♂</b> DOI <b>♂</b>	Exploring the interplay between running exercises, microbial diversity, and tryptophan metabolism	Alejandra Vazquez- Medina 6 more Nataliya Chorna	0	0	0	0	Front Microbiol	202 4	Dec 1, 2024 (3 week s ago)

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FGFR inhibiting lucose met	diated chromatin cont ress granule phase through metabolic rep		Chen Wang17 more Rugang Zhang	0	0	0	0	Nat Commun	202 4	Dec 1, 2024 (3 week s ago)
—— Brain and Sp	ion blocks NF-κB-depe tabolism and confers ulnerabilities i	endent	Yuanli Zhen 11 more Nabeel Bardeesy	0	0	0	0	Nat Commun	202 4	Dec 1, 2024 (3 week s ago)
in the Extent	nalysis Reveals Differe t of Remyelination in t pinal Cord.		Nishama De Silva Mohotti5 more Meredith D Hartley	0	0	0	0	J Proteome Res	202 4	Nov 30, 2024 (3 week s ago)

Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	Licer	ise	Readn	ne	Contributing	Depend	dencies
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## Analytics

Traffic metrics of websites associated with this project.

Notes	Publications (cumulative)
14000	Total: 38
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.

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Jul

2022

2021

Jul

2023

Jul

2024