



## 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
<a href="#">34862502</a>  <a href="#">DOI</a> 	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)
<a href="#">37349305</a>  <a href="#">DOI</a> 	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)
<a href="#">37798473</a>  <a href="#">DOI</a> 	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)
<a href="#">38286827</a>  <a href="#">DOI</a> 	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)

<a href="#">37441265</a>  <a href="#">DOI</a> 	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)
<a href="#">34721400</a>  <a href="#">DOI</a> 	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)
<a href="#">37815914</a>  <a href="#">DOI</a> 	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)
<a href="#">37452018</a>  <a href="#">DOI</a> 	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)

<a href="#">37515770</a>  <a href="#">DOI</a> 	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)
<a href="#">38001239</a>  <a href="#">DOI</a> 	IL-1 $\beta$ -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)
<a href="#">37398141</a>  <a href="#">DOI</a> 	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)
<a href="#">35448980</a>  <a href="#">DOI</a> 	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)

<a href="#">37983749</a>  <a href="#">DOI</a> 	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)
<a href="#">37546759</a>  <a href="#">DOI</a> 	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)
<a href="#">38161977</a>  <a href="#">DOI</a> 	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)
<a href="#">38187579</a>  <a href="#">DOI</a> 	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)

<a href="#">38102827</a>  <a href="#">DOI</a> 	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)
<a href="#">38318337</a>  <a href="#">DOI</a> 	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)
<a href="#">38651675</a>  <a href="#">DOI</a> 	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)
<a href="#">39143213</a>  <a href="#">DOI</a> 	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)

<a href="#">38826219</a>  <a href="#">DOI</a> 	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)
<a href="#">38172157</a>  <a href="#">DOI</a> 	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)
<a href="#">38544285</a>  <a href="#">DOI</a> 	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)
<a href="#">39206133</a>  <a href="#">DOI</a> 	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)

<a href="#">39257804</a> <a href="#">DOI</a> <a href="#">↗</a>	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)
<a href="#">38975764</a> <a href="#">DOI</a> <a href="#">↗</a>	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)
<a href="#">38926365</a> <a href="#">DOI</a> <a href="#">↗</a>	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)
<a href="#">38165806</a> <a href="#">DOI</a> <a href="#">↗</a>	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)



<a href="#">38018851</a> <a href="#">DOI</a> <a href="#">↗</a>	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)
<a href="#">38714664</a> <a href="#">DOI</a> <a href="#">↗</a>	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)
<a href="#">38813868</a> <a href="#">DOI</a> <a href="#">↗</a>	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)
<a href="#">38844817</a> <a href="#">DOI</a> <a href="#">↗</a>	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)



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								
Avg Issue PR	Gut symbiont-derived sphingosine	Sun								
DOI	Average time issues/pull requests stay open for before being closed.	...	12	0	0	0	0	Nat Commun	2024	Dec 1,
	modulates vector competence in Aedes mosquitoes	more...								
	Only the main/default branch is considered for metrics like # of commits.	Zhen Zou								
	# of dependencies is totaled from all manifests in repo, direct and transitive, e.g. package.json + package-lock.json.	s ago)								

Analytics

Traffic metrics of websites associated with this project.

Notes

Active Users	<a href="#">Distinct users who visited the website</a>	Total: 37
New Users	<a href="#">Users who visited the website for the first time</a>	
Engaged Sessions	<a href="#">Visits that had significant interaction</a>	

"Top" metrics are measured by number of engaged sessions.

