



## Core Project OT2OD030544











### 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	RCR	SJR	Citations	Cit./year	Journal	Published	Updated
<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	5.8	0	32	16	Nat Methods	2022	Dec 28, 2024 (1 week 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	3.71	0	13	13	Nat Metab	2023	Dec 29, 2024 (1 week 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	3.24	0	11	11	Nat Commun	2023	Dec 29, 2024 (1 week 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	2.67	0	5	5	Nat Cancer	2024	Dec 28, 2024 (1 week 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. 5 1	0	8	8	Int J Tryptophan Res	2023	Dec 29, 2024 (1 week ago)
<a href="#">38844817</a>  <a href="#">DOI</a> 	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)
<a href="#">34721400</a>  <a href="#">DOI</a> 	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)
<a href="#">37452018</a>  <a href="#">DOI</a> 	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)

<a href="#">37815914</a>  <a href="#">DOI</a> 	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)
<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. 0 9	0	5	5	Cell Rep	2023	Dec 29, 2024 (1 week 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 5	0	2	2	Commun Biol	2023	Dec 29, 2024 (1 week 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. 2 8	0	1	1	bioRxiv	2023	Dec 29, 2024 (1 week ago)

<a href="#">35448980</a>  <a href="#">DOI</a> 	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)
<a href="#">37983749</a>  <a href="#">DOI</a> 	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)
<a href="#">38018851</a>  <a href="#">DOI</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 28, 2024 (1 week 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 29, 2024 (1 week 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 29, 2024 (1 week ago)
<a href="#">39300135</a>  <a href="#">DOI</a> 	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)
<a href="#">39305905</a>  <a href="#">DOI</a> 	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)
<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 28, 2024 (1 week ago)

<a href="#">38714664</a>  <a href="#">DOI</a> 	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 (1 week ago)
<a href="#">38813868</a>  <a href="#">DOI</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	2	2	Elife	2024	Dec 29, 2024 (1 week ago)
<a href="#">38165806</a>  <a href="#">DOI</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 28, 2024 (1 week 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 28, 2024 (1 week ago)

<a href="#">38226418</a>  <a href="#">DOI</a> 	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)
<a href="#">38926365</a>  <a href="#">DOI</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 29, 2024 (1 week ago)
<a href="#">38975764</a>  <a href="#">DOI</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 29, 2024 (1 week ago)
<a href="#">39257804</a>  <a href="#">DOI</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 29, 2024 (1 week ago)



<a href="#">38313293</a>  <a href="#">DOI</a> 	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)
<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 28, 2024 (1 week 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 28, 2024 (1 week 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 29, 2024 (1 week ago)



Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies
					No data				
<div>38318337 <a href="#">Notes</a> <a href="#">DOI</a></div> <div>Repository</div> <div>PR</div> <div>Closed/Open</div> <div>Avg Issue/PR</div> <div>Only the main/default branch is considered for metrics like # of commits.</div> <div># of dependencies is totaled from all manifests in repo, directly or transitive, e.g. package.json + package-lock.json</div>		Exploring the interplay between running exercises, microbial diversity, and tryptophan metabolism...			Alejandra Vazquez-Medina ...6 more...	0000	0	Front Microbiol	2024 (1 week ago)
		For storing, tracking changes to, and collaborating on a piece of software.			Nataliya Chorna				
		"Pull request", a draft change (new feature, bug fix, etc.) to a repo.			Divya Bezwada				
		Average time issues/pull requests stay open for before being closed.			...36 more...	0509	33	Nature	Jan 4, 2025 (19 hours ago)
		Mitochondrial complex I promotes lipid hydrolysis and increases insulin sensitivity			Ralph J DeBenedictis				

## Analytics

Traffic metrics of websites associated with this project.

### Notes

Active Users

[Distinct users who visited the website](#) [Total: 38](#)

New Users

[Users who visited the website for the first time](#)

Engaged Sessions

[Visits that had significant interaction](#)

### Publications (cumulative)

40

30

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

Generated on Jan 5, 2025

