



## Core Project OT2OD030544



### Details







Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD030544-01	Biomedical Data Commons	\$3,229,346.00	34 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 on s	Cit. /ye ar	Journal	Pu blis hed	Updat ed
<a href="#">34862502</a> <a href="#">DOI</a> <a href="#">↗</a>	GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser.	Daniel Petras ...33 more... Mingxun Wang	5. 8 8	14 .7 96	30	15	Nature Methods	2,0 22	Sep 28, 2024 (3 weeks ago)
<a href="#">37349305</a> <a href="#">DOI</a> <a href="#">↗</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. 3 7	4. 88 7	10	10	Nature Communications	2,0 23	Sep 28, 2024 (3 weeks ago)
<a href="#">37798473</a> <a href="#">DOI</a> <a href="#">↗</a>	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate...	Anne Miller ...7 more... Gary Yellen	3. 3 5	7. 19 2	10	10	Nature Metabolism	2,0 23	Sep 28, 2024 (3 weeks ago)
<a href="#">37441265</a> <a href="#">DOI</a> <a href="#">↗</a>	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan ...12 more... Gary H Perdew	2. 1 6	1. 00 4	6	6	International Journal of Tryptophan Research	2,0 23	Sep 28, 2024 (3 weeks 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. 8	1. 86 8	23	7.6 67	Frontiers in Immunology	2,0 21	Sep 28, 2024 (3 weeks 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. 7 8	4. 27 9	6	6	Cell Reports	2,0 23	Sep 28, 2024 (3 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. 7 7	4. 88 7	6	6	Nature Communications	2,0 23	Sep 28, 2024 (3 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. 4 1	4. 27 9	5	5	Cell Reports	2,0 23	Sep 28, 2024 (3 weeks 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. 1 7	1. 08 7	2	1	BMC Cancer	2,0 22	Sep 28, 2024 (3 weeks ago)
<a href="#">37983749</a>  <a href="#">DOI</a> 	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasan ...3 more... Shankar Subramaniam	0. 1 1	4. 62 1	1	0.5	GigaScience	2,0 22	Sep 28, 2024 (3 weeks ago)









<a href="#">37849634</a>  <a href="#">DOI</a> 	Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei...	Ashay O Patel ...2 more... Shankar Subrama niam	0	0.635	0	0	Journal of Alzheimer's Disease Reports	2,023	Sep 28, 2024 (3 weeks 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	1.339	2	2	American Journal of Physiology - Lung Cellular and Molecular Physiology	2,024	Sep 28, 2024 (3 weeks 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	4.887	0	0	Nature Communications	2,024	Sep 28, 2024 (3 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	0.491	0	0	Frontiers in Fungal Biology	2,024	Sep 28, 2024 (3 weeks ago)

<a href="#">37546759</a> <a href="#">DOI</a> <a href="#">↗</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	2,023	Sep 28, 2024 (3 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	1.299	0	0	Journal of Proteome Research	2,024	Sep 28, 2024 (3 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 Karagianis ...11 more... Chao Lu	0	4.279	2	2	Cell Reports	2,024	Sep 28, 2024 (3 weeks ago)

<a href="#">38318337</a> <a href="#">DOI</a> <a href="#">↗</a>	Exploring the interplay between running exercises, microbial diversity, and tryptophan metabolism...	Alejandra Vazquez-Medina ...6 more... Nataliya Chorna	0	1.065	0	0	Frontiers in Microbiology	2,024	Sep 28, 2024 (3 weeks ago)
<a href="#">38187579</a> <a href="#">DOI</a> <a href="#">↗</a>	Matrix Linear Models for connecting metabolite composition to individual characteristics.	Gregory Farage ...5 more... Śaunak Sen	0	0	0	0	bioRxiv	2,023	Sep 28, 2024 (3 weeks ago)
<a href="#">38651675</a> <a href="#">DOI</a> <a href="#">↗</a>	A nested case-control study of untargeted plasma metabolomics and lung cancer among never-smoking...	Moham mad L Rahman ...12 more... Qing Lan	0	2.131	1	1	International Journal of Cancer	2,024	Sep 28, 2024 (3 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	3.932	1	1	eLife	2,024	Sep 28, 2024 (3 weeks ago)

<a href="#">38001239</a> <a href="#">DOI</a> <a href="#">↗</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	2.09	2	2	Communications Biology	2,023	Sep 28, 2024 (3 weeks ago)
<a href="#">38161977</a> <a href="#">DOI</a> <a href="#">↗</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)	2,023	Sep 28, 2024 (3 weeks ago)
<a href="#">38313293</a> <a href="#">DOI</a> <a href="#">↗</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	2,024	Sep 28, 2024 (3 weeks ago)
<a href="#">38544285</a> <a href="#">DOI</a> <a href="#">↗</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	0.911	0	0	Toxicological Sciences	2,024	Sep 28, 2024 (3 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	2,024	Sep 28, 2024 (3 weeks 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	0	11.9	2	2	Nature Cancer	2,024	Sep 28, 2024 (3 weeks 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	1.042	0	0	Infection and Immunity	2,024	Sep 28, 2024 (3 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...	0	11.9	4	4	Nature Cancer	2,024	Sep 28, 2024 (3 weeks ago)



		Benjamin Izar	weeks ago)
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				</> Repositories						
<a href="#">37398141</a> <a href="#">DOI</a>	<a href="#">Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.</a>	Software repositories associated with this project, more...	Adriana C Norris	7	0	0	1	bioRxiv	2,023	Sep 28, 2024 (3 weeks
				Todd R						

Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.
<a href="#">38172157</a> <a href="#">DOI</a>	Modeling transcriptional	...	5	1.				Sep 28,

Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies
		approach.		mi	No data				weeks
				Ramkrish					ago)
				na					

Notes									
			Adriana						Sep
			C Norris						28,
Repository	Deficiency of the lipid flippase	For storing, tracking changes to, and collaborating on a piece of software.	...	0	0	3	3	Scientific Reports	2,024
<a href="#">38172157</a>	ATP10A causes diet-induced	"Pull request", a draft change (new feature, bug fix, etc.) to a repo.							(3
<a href="#">DOI</a>	dyslipidemia in female mice.								weeks
Closed/Open	Resolved/unresolved.		Todd R						ago)
			Graham						

Avg Issue/PR — Average time issues/pull requests stay open for before being closed.										
<a href="#">38926365</a> 	METTL3-mediated chromatin	Chen	0	4.	0	0	Nature	2,0	Sep	
	Only the main/default branch is considered for metrics like # of commits.									
	<a href="#">DOI</a> 	contacts promote stress granule	Wang		88			Communications	24	28,
		...17		7						2024

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

## 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.

Generated on Oct 18, 2024

Developed with support from NIH Award [U54 OD036472](#)

SJR      [Scimago Journal Rank](#) 

## Cumulative Publications

Total: 34

