



## Core Project OT2OD030544



### Details









Projects	Name	Award	Publications	Repositories	Analytics
3OT2OD030544-01S1 1OT2OD030544-01 3OT2OD030544-01S3 3OT2OD030544-01S2 3OT2OD030544-01S4	Biomedical Data Commons Workbench (BDCW)	\$3,229,346.00	37 publications	0 repositories	0 properties









### Publications









Published works associated with this project.







ID	Title	Authors	R C R	SJ R	Cit ati on s	Cit. /ye ar	Journal	Pub lish ed	Upd ated
<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. 6 7	14. 79 6	30	15	Nature Methods	2,0 22	Oct 26, 2024 (1 day 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	4. 0 3	4.8 87	12	12	Nature Communications	2,0 23	Oct 26, 2024 (1 day 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. 6 5	7.1 92	11	11	Nature Metabolism	2,0 23	Oct 26, 2024 (1 day 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. 2 9	1.0 04	7	7	International Journal of Tryptophan Research	2,0 23	Oct 26, 2024 (1 day 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	1.88	1.868	23	7.667	Frontiers in Immunology	2,021	Oct 26, 2024 (1 day ago)
<a href="#">37452018</a>  <a href="#">DOI</a> 	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata ...16 more... Guillermo Oliver	1.61	4.887	6	6	Nature Communications	2,023	Oct 26, 2024 (1 day 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	1.58	4.279	6	6	Cell Reports	2,023	Oct 26, 2024 (1 day 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	1.24	4.279	5	5	Cell Reports	2,023	Oct 26, 2024 (1 day 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	0.52	2.09	2	2	Communications Biology	2,023	Oct 26, 2024 (1 day ago)
<a href="#">37398141</a> <a href="#">DOI</a> <a href="#">↗</a>	Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.	Adriana C Norris ...7 more... Todd R Graham	0.32	0	1	1	bioRxiv	2,023	Oct 26, 2024 (1 day ago)
<a href="#">35448980</a> <a href="#">DOI</a> <a href="#">↗</a>	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahimine jad ...2 more... Shankar Subramaniam	0.17	1.087	2	1	BMC Cancer	2,022	Oct 26, 2024 (1 day ago)

<a href="#">37983749</a>  <a href="#">DOI</a> 	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasan ...3 more... Shankar Subramaniam	0.11	4.621	1	0.5	GigaScience	2,022	Oct 26, 2024 (1 day 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	2,023	Oct 26, 2024 (1 day 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	0.911	0	0	Toxicological Sciences	2,024	Oct 26, 2024 (1 day 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	3.932	1	1	eLife	2,024	Oct 26, 2024 (1 day 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	Oct 26, 2024 (1 day 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	4.887	0	0	Nature Communications	2,024	Oct 26, 2024 (1 day 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	Oct 26, 2024 (1 day 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 Subramaniam	0	0.635	0	0	Journal of Alzheimer's Disease Reports	2,023	Oct 26, 2024 (1 day 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	1.188	0	0	Biophysical Journal	2,024	Oct 26, 2024 (1 day 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	1.065	0	0	Frontiers in Microbiology	2,024	Oct 26, 2024 (1 day 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	0	11.9	4	4	Nature Cancer	2,024	Oct 26, 2024 (1 day ago)
<a href="#">38844817</a>  <a href="#">DOI</a> 	Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage cross-talk, promoting immunos...	Tommaso Sclaro ...36 more... Massimiliano Mazzone	0	11.9	3	3	Nature Cancer	2,024	Oct 26, 2024 (1 day 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	4.887	0	0	Nature Communications	2,024	Oct 26, 2024 (1 day ago)
<a href="#">39420002</a>  <a href="#">DOI</a> 	Methionine-SAM metabolism-dependent ubiquinone synthesis is crucial for ROS accumulation in ferro...	Chaoyi Xia ...13 more... Yang Wang	0	4.887	0	0	Nature Communications	2,024	Oct 26, 2024 (1 day 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	Oct 26, 2024 (1 day 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	Oct 26, 2024 (1 day 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	Oct 26, 2024 (1 day 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...	Mohamm ad L Rahman ...12 more... Qing Lan	0	2.131	2	2	International Journal of Cancer	2,024	Oct 26, 2024 (1 day ago)

<a href="#">39143213</a>  <a href="#">DOI</a> 	Mitochondrial complex I promotes kidney cancer metastasis.	Divya Bezwada ...36 more... Ralph J DeBerardinis	0	18.509	0	0	Nature	2,024	Oct 26, 2024 (1 day 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	2,024	Oct 26, 2024 (1 day 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	Oct 26, 2024 (1 day ago)
<a href="#">37546759</a>  <a href="#">DOI</a> 	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate...	 <b>Repositories</b> Anne Miller ...7 more... Gary Yellen	Software repositories associated with this project.				Res Sq	2,023	Oct 26, 2024 (1 day ago)

Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.			
No data											
Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies		
		fatty acid metabolism promotes	...	20	No data	1.3	2	2	American Journal of	20,	
<a href="#">38226418</a>	<a href="#">🔗</a>	TRPV4 activity in lung	more...		0	39	2	2	Physiology - Lung	2,0	2024
<a href="#">DOI</a>	<a href="#">🔗</a>	microvascular endothelial cells in pulmonar...	Karthik Suresh						Cellular and Molecular Physiology	24	(1 day ago)
Notes											

Repository	For storing, tracking changes to, and collaborating on a piece of software.								Oct
PR	Metabolic reprogramming by "Pull request", a draft change (new feature, bug fix, etc.) to a repo.								26,
<a href="#">38165806</a>	histone deacetylase inhibition	nis	0	4.2	2	2	Cell Reports	2,0	2024
Closed  Open	Resolved/unresolved	...	11	79				24	(1
Avg Issue/PR	Average time issues/pull requests stay open for before being closed.								day
Only the main /default branch is considered for metrics like # of commits.									ago)
# of dependencies is totaled from all manifests in repo, direct and transitive, e.g. package.json + package-lock.json.									Oct
Deficiency of the lipid flippase									26,

### 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 28, 2024

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

<a href="#">38826219</a> 	Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can...	jad ...2 more... Shankar Subrama niam	0	0	0	0	Res Sq	2,024	26, 2024 (1 day ago)
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Notes

- RCR    [Relative Citation Ratio](#) 
- SJR    [Scimago Journal Rank](#) 

## Cumulative Publications

Total: 37

