



## 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	34 publications	0 repositories	0 properties











### 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	5.88	14.796	30	15	Nature Methods	2,022	Sep 28, 2024 (3 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	3.37	4.887	10	10	Nature Communications	2,023	Oct 21, 2024 (19 hours 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	3.35	0	10	10	Nat Metab	2,023	Sep 28, 2024 (3 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	2.16	0	6	6	Int J Tryptophan Res	2,023	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 Mechanism	Kavitha Mukund ...6 more... Shankar Subramaniam	1.8	0	23	7.667	Front Immunol	2,021	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 cancer	Preston D Crowell ...23 more... Andrew S Goldstein	1.78	4.279	6	6	Cell Reports	2,023	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	1.77	4.887	6	6	Nature Communications	2,023	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	1.41	4.279	5	5	Cell Reports	2,023	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	0.17	1.087	2	1	BMC Cancer	2,022	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	0.11	0	1	0.5	Gigascience	2,022	Sep 28, 2024 (3 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	2,023	Sep 28, 2024 (3 weeks 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	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	0	0	0	Front Microbiol	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 Karagiannis ...11 more... Chao Lu	0	4.279	2	2	Cell Reports	2,024	Sep 28, 2024 (3 weeks ago)
<a href="#">38172157</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	0	3	3	Sci Rep	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="#">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	Sep 28, 2024 (3 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	2.131	1	1	International Journal of Cancer	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="#">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	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 Sclaro ...36 more... Massimiliano Mazzone	0	0	2	2	Nat Cancer	2,024	Sep 28, 2024 (3 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	2,024	Sep 28, 2024 (3 weeks 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	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... Benjamin Izar	0	0	4	4	Nat 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	0	0	0	Infect Immun	2,024	Sep 28, 2024 (3 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	0	2	2	Commun Biol	2,023	Sep 28, 2024 (3 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	0	1	1	bioRxiv	2,023	Sep 28, 2024 (3 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)	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	0	2	2	Am J Physiol Lung Cell Mol Physiol	2,024	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 Subramani am	0	0	0	0	J Alzheimers Dis Rep	2,023	Sep 28, 2024 (3 weeks 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	1	1	Elife	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 Subramani am	0	0	0	0	Res Sq	2,024	Sep 28, 2024 (3 weeks ago)

Software repositories associated with this project.

Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.			
				Divya Bezwada	No data			Oct 17, 2024			
<a href="#">39143213</a>	Mitochondrial complex I promotes			...36 more...	0	0	0	0	Nature	2,02	2024
Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies		
					Debian	No data					ago)

<b>Notes</b>											Sep 28, 2024
<a href="#">39206133</a>	Phosphate availability conditions				Xianya Qu						2024
<a href="#">DOI</a>	caspofungin tolerance, capsule				...7 more...	0	0	0	0	Front Fungal Biol	2,024
Repository	For storing, tracking changes to, and collaborating on a piece of software.				James W Kronstad						(3 weeks ago)
PR	"Pull request", a draft change (new feature, bug fix, etc.) to a repo.										
Closed/Open	Resolved/unresolved.										

Avg Issue/PR    Average time issues/pull requests stay open for before being closed.

<b>Notes</b>	Only the main/default branch is considered for metrics like # of commits.
BCR	<a href="#">Relative Citation Ratio</a>
# of dependencies is totaled from all manifests in repo, direct and transitive, e.g. package.json + package-lock.json.	
SIR	<a href="#">Scimago Journal Rank</a>

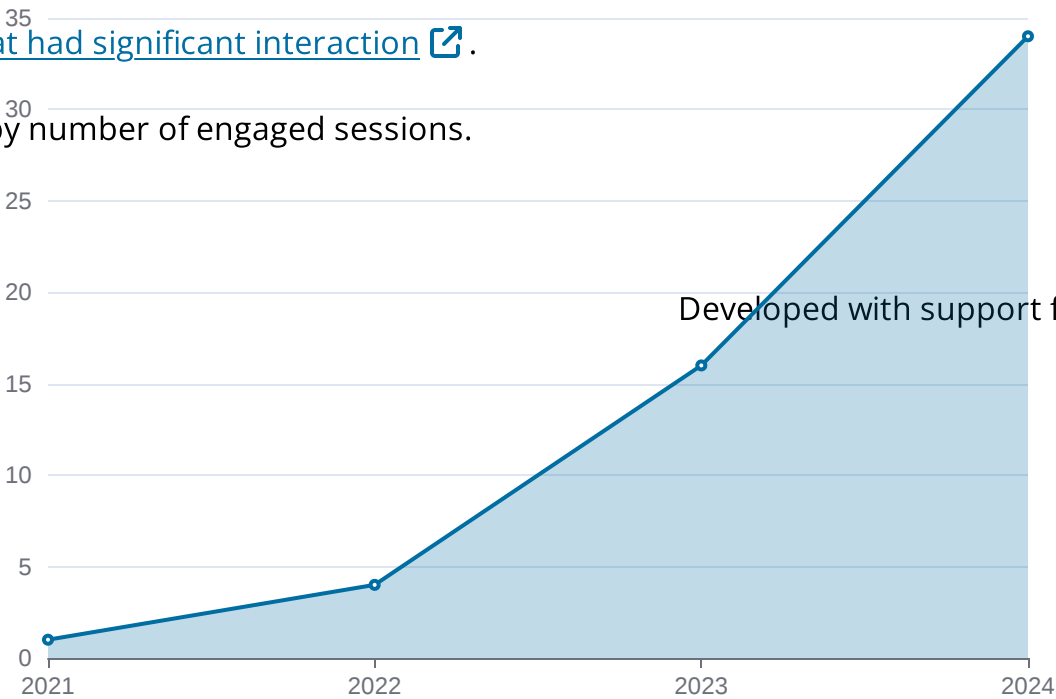
Analytics

Traffic metrics of websites associated with this project.

Notes

Active Users [Distinct users who visited the website](#) [Cumulative Publications](#)  
New Users [Users who visited the website for the first time](#) [Total: 34](#)  
Engaged Sessions [Visits that had significant interaction](#) [Total: 34](#)

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



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