



## Core Project OT2OD030544



### Details

Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD030544-01	Biomedical Data Commons	\$2,930,832.00	33 publications	0 repositories	0 properties
3OT2OD030544-01S1	Workbench (BDCW)				
3OT2OD030544-01S3					
3OT2OD030544-01S2					
















### 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	5.9	14.796	29	14.5	Nature Methods	2,022	Sep 1, 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	3.15	4.887	9	9	Nature Communications	2,023	Sep 1, 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	2.89	7.192	8	8	Nature Metabolism	2,023	Sep 1, 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...	2.3	1.004	6	6	International Journal of Tryptophan Research	2,023	Sep 1, 2024 (3 week









		Gary H Perdew								s ago)
<a href="#">34721400</a> <a href="#">DOI</a> <a href="#">↗</a>	Immune Response in Severe and Non-Severe Coronavirus Disease 2019 (COVID-19) Infection: A Mechani...	Kavitha Mukund ...6 more... Shankar Subrama niam	1. 7 4	1.8 68	22	7.3 33	Frontiers in Immunology	2,0 21	Sep 1, 2024 (3 week s ago)	
<a href="#">37452018</a> <a href="#">DOI</a> <a href="#">↗</a>	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata ...16 more... Guillerm o Oliver	1. 6 6	4.8 87	5	5	Nature Communications	2,0 23	Sep 1, 2024 (3 week s ago)	
<a href="#">37815914</a> <a href="#">DOI</a> <a href="#">↗</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 9	4.2 79	5	5	Cell Reports	2,0 23	Sep 1, 2024 (3 week s ago)	
<a href="#">35448980</a> <a href="#">DOI</a> <a href="#">↗</a>	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahimine	0. 1	1.0 87	2	1	BMC Cancer	2,0 22	Sep 1,	

		jad ...2 more... Shankar Subrama niam	8							2024 (3 week s ago)
<a href="#">37983749</a>  <a href="#">DOI</a> 	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasa n ...3 more... Shankar Subrama niam	0. 1 2	4.6 21	1	0.5	GigaScience	2,0 22	Sep 1, 2024 (3 week s 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	2,0 24	Sep 1, 2024 (3 week s ago)	
<a href="#">38165806</a>  <a href="#">DOI</a> 	Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2- activated t...	Dimitris Karagian nis ...11	0	4.2 79	2	2	Cell Reports	2,0 24	Sep 1, 2024 (3 week	







		more... Chao Lu								s 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 1, 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 1, 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	3.932	1	1	eLife	2,024	Sep 1, 2024 (3 weeks ago)	
<a href="#">38001239</a>  <a href="#">DOI</a> 	IL-1β-mediated adaptive reprogramming of endogenous	Jamila H Siamwala	0	2.09	2	2	Communications Biology	2,023	Sep 1,	

	human cardiac fibroblasts to cells with immun...	...11 more... Richard J Gilbert								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 1, 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 1, 2024 (3 weeks ago)	
<a href="#">39206133</a> <a href="#">DOI</a> <a href="#">↗</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 3, 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 1, 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	0.9	2	2	Scientific Reports	2,024	Sep 1, 2024 (3 weeks ago)
<a href="#">37849634</a> <a href="#">DOI</a> <a href="#">↗</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	Sep 1, 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...	0	0	0	0	bioRxiv	2,023	Sep 1, 2024 (3 weeks ago)

		Śaunak Sen								s 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 1, 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	0	4.279	4	4	Cell Reports	2,023	Sep 1, 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	11.9	1	1	Nature Cancer	2,024	Sep 1, 2024 (3 weeks ago)	
<a href="#">38651675</a>  <a href="#">DOI</a> 	A nested case-control study of untargeted plasma metabolomics	Mohammad L	0	2.131	0	0	International Journal of Cancer	2,024	Sep 1,	



	and lung cancer among never-smoking...	Rahman ...12 more... Qing Lan								2024 (3 week s 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	4.8 87	0	0	Nature Communications	2,0 24	Sep 1, 2024 (3 week s 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	1.0 42	0	0	Infection and Immunity	2,0 24	Sep 1, 2024 (3 week s 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... Doraiswa mi	0	1.1 88	0	0	Biophysical Journal	2,0 24	Sep 1, 2024 (3 week s ago)	

			Ramkrishna							
<a href="#">38226418</a> <a href="#">DOI</a> <a href="#">↗</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 1, 2024 (3 weeks ago)
<a href="#">38826219</a> <a href="#">DOI</a> <a href="#">↗</a>	Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can...		Sara Rahimine jad ...2 more... Shankar Subramaniam	0	0	0	0	Res Sq	2,024	Sep 1, 2024 (3 weeks ago)
<div>Software repositories associated with this project.</div>										
	METTL3-mediated chromatin		Chen Wang							Sep 1, 2024
Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.		
	metabolic repr...		Rugang Zhang	No data						week s ago)

Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies
No data									
Notes									
Repository	38544285	Repeated exposure to eucalyptus wood smoke alters pulmonary gene and metabolite profiles in male L...	Samuel J Cochran	...11	For storing, tracking changes to, and collaborating on a piece of software.	0.9	0	0	2,024
PR	DOI	"Pull request" a draft change (new feature, bug fix, etc.) to a repo.	more...	0	0	0	0	Toxicological Sciences	2,024
Closed/Open		Resolved/unresolved.	Kymberly M Gowdy						
Avg Issue/PR		Average time issues/pull requests stay open for before being closed.							

Only the main /default branch is considered for metrics like # of commits.

Notes

# 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	<a href="#">Distinct users who visited the website</a>
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.	

