



# Core Project OT2OD030544









## Details

Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD030544-01	Biomedical Data Commons	\$3,229,346.00	40 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 ons	Cit. /ye ar	Journal	Pub lish ed	Upda ted
<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 (2 weeks 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. 7 1	0	13	13	Nat Metab	2023	Dec 29, 2024 (2 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. 2 4	0	11	11	Nat Commun	2023	Dec 29, 2024 (2 weeks ago)




<a href="#">38286827</a> <a href="#">DOI</a> <a href="#">↗</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 (2 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	2.51	0	8	8	Int J Tryptophan Res	2023	Dec 29, 2024 (2 weeks ago)
<a href="#">38844817</a> <a href="#">DOI</a> <a href="#">↗</a>	Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage cross-talk, promoting immunos...	Tommaso Scolaro ...36 more... Massimiliano Mazzone	2.22	0	5	5	Nat Cancer	2024	Dec 29, 2024 (2 weeks 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	1.73	0	23	7.667	Front Immunol	2021	Dec 29, 2024 (2 weeks ago)

		Subrama niam							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... Guillermo Oliver	1. 6 2	0	7	7	Nat Commun	2023	Dec 29, 2024 (2 weeks 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 8	0	8	8	Cell Rep	2023	Dec 29, 2024 (2 weeks ago)
<a href="#">37515770</a> <a href="#">DOI</a> <a href="#">↗</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 (2 weeks ago)
<a href="#">38001239</a> <a href="#">DOI</a> <a href="#">↗</a>	IL-1β-mediated adaptive reprogramming of endogenous	Jamila H Siamwala ...11	0. 4 5	0	2	2	Commun Biol	2023	Dec 29, 2024







	human cardiac fibroblasts to cells with immun...	more... Richard J Gilbert								(2 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	0.28	0	1	1	bioRxiv	2023	Dec 29, 2024 (2 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	0.26	0	3	1.5	BMC Cancer	2022	Dec 28, 2024 (2 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	0	1	0.5	Gigascience	2022	Dec 29, 2024 (2 weeks 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	0	0	0	Front Microbiol	2024	Dec 28, 2024 (2 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	0	1	1	Nat Commun	2024	Dec 28, 2024 (2 weeks 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 (2 weeks 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	0	0	3	3	Dev Cell	2024	Dec 29, 2024 (2 weeks ago)

		H K Roeder								s 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	0	0	J Alzheimers Dis Rep	2023	Dec 29, 2024 (2 weeks ago)	
<a href="#">39707873</a> <a href="#">DOI</a> <a href="#">↗</a>	Salivary Metabolomic Signatures in Pediatric Eosinophilic Esophagitis.	Girish Hiremath ...6 more... Andrea Locke	0	3.073	0	0	Allergy: European Journal of Allergy and Clinical Immunology	2024	Dec 29, 2024 (2 weeks ago)	
<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	0	2	2	Am J Physiol Lung Cell Mol Physiol	2024	Dec 28, 2024 (2 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...	0	0	1	1	Front Fungal Biol	2024	Dec 29, 2024	

		James W Kronstad								(2 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	0	0	0	Infect Immun	2024	Dec 29, 2024 (2 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 Ramkrish na	0	0	0	0	Biophys J	2024	Dec 28, 2024 (2 week s 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 (2 week s 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 (2 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)	2023	Dec 29, 2024 (2 weeks 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 (2 weeks 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 (2 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	2023	Dec 29, 2024 (2 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	2024	Dec 29, 2024 (2 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	0	0	2	2	Int J Cancer	2024	Dec 28, 2024 (2 weeks ago)

		more... Qing Lan								s ago)
<a href="#">39143213</a> <a href="#">DOI</a> <a href="#">↗</a>	Mitochondrial complex I promotes kidney cancer metastasis.	Divya Bezwada ...36 more... Ralph J DeBerardinis	0	18.509	3	3	Nature	2024	Jan 4, 2025 (1 week ago)	
<a href="#">39702518</a> <a href="#">DOI</a> <a href="#">↗</a>	Proteomic and metabolomic analyses of the human adult myocardium reveal ventricle-specific regula...	Benjamin Hunter ...11 more... Sean Lal	0	0	0	0	Commun Biol	2024	Jan 5, 2025 (6 days 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	0	0	0	J Proteome Res	2024	Dec 28, 2024 (2 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...	0	0	0	0	Res Sq	2024	Dec 28, 2024 (2 week	

				Sushil Kumar						s ago)
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</> Repositories										
				Dimitris Karagian						Dec 28, 2024 (2 weeks ago)
38165806	Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t...			Software repositories associated with this project. ...11 more...	0	0	2	2	Cell Rep	2024

Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.	
				No data					
				Samuel j Cochran	Dec 28, 2024				
Repeated exposure to eucalyptus									
Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies
and metabolic profiles in male L...				Kymberly M Gowdy	No data				
				week s ago)					

Notes										
Repository					Chen Wang					Dec 29, 2024 (2 weeks ago)
38926365	METTL3-mediated chromatin contacts promote stress granule "pull request", a draft change (new feature, bug fix, etc.) to a repo.				...17 more...	0	0	0	0	Nat Commun
DOI	phase separation through metabolic reprog.									
Closed/Open	Resolved/Unresolved.				Rugang Zhang					
Avg Issue/PR	Average time issues/pull requests stay open for before being closed.									
384200	Methionine SAM metabolism. Only the main / default branch is considered for metrics tracking.				Chen Xia	0	0	0	0	Nat Commun
DOI	dependent ubiquinone synthesis is				...13					

# 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 Jan 11, 2025



