



Core Project OT2OD030544











Details

Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD030544-01	Biomedical Data Commons	\$3,229,346.00	37 publications	0 repositories	0 properties
3OT2OD030544-01S3	Workbench (BDCW)				
3OT2OD030544-01S1					
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	Pub lish ed	Upd ated
34862502  DOI 	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	2,022	Oct 26, 2024 (3 weeks ago)
37349305  DOI 	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	2,023	Oct 26, 2024 (3 weeks ago)
37798473  DOI 	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	2,023	Oct 26, 2024 (3 weeks ago)
37441265  DOI 	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan ...12 more...	2. 2 9	1.0 04	7	7	International Journal of Tryptophan Research	2,023	Oct 26, 2024 (3 week







		Gary H Perdew								s ago)
34721400 DOI ↗	Immune Response in Severe and Non-Severe Coronavirus Disease 2019 (COVID-19) Infection: A Mechani...	Kavitha Mukund ...6 more... Shankar Subrama niam	1. 8	1.8 68	23	7.6 67	Frontiers in Immunology	2,0 21	Oct 26, 2024 (3 week s ago)	
37452018 DOI ↗	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata ...16 more... Guillerm o Oliver	1. 6 1	4.8 87	6	6	Nature Communications	2,0 23	Oct 26, 2024 (3 week s ago)	
37815914 DOI ↗	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	4.2 79	6	6	Cell Reports	2,0 23	Oct 26, 2024 (3 week s ago)	
37515770 DOI ↗	The stability of the myelinating oligodendrocyte transcriptome is	Mathilde Pruvost	1. 2	4.2 79	5	5	Cell Reports	2,0 23	Oct 26,	

	regulated by the nuclear lamina.	...16 more... Patrizia Casaccia	4								2024 (3 week s ago)
38001239  DOI 	IL-1β-mediated adaptive reprogramming of endogenous human cardiac fibroblasts to cells with immun...	Jamila H Siamwala ...11 more... Richard J Gilbert	0. 5 2	2.0 9	2	2	Communications Biology	2,0 23		Oct 26, 2024 (3 week s ago)	
37398141  DOI 	Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.	Adriana C Norris ...7 more... Todd R Graham	0. 3 2	0	1	1	bioRxiv	2,0 23		Oct 26, 2024 (3 week s ago)	
35448980  DOI 	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahimine jad ...2 more... Shankar	0. 1 7	1.0 87	2	1	BMC Cancer	2,0 22		Oct 26, 2024 (3 week s ago)	

		Subrama niam								
37983749  DOI 	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasa n ...3 more... Shankar Subrama niam	0. 1 1	4.6 21	1	0.5	GigaScience	2,0 22	Oct 26, 2024 (3 week s ago)	
38161977  DOI 	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)	2,0 23	Oct 26, 2024 (3 week s ago)	
38226418  DOI 	Fatty acid metabolism promotes TRPV4 activity in lung microvascular endothelial cells in pulmonar...	Nicolas Philip ...20 more... Karthik Suresh	0	1.3 39	2	2	American Journal of Physiology - Lung Cellular and Molecular Physiology	2,0 24	Oct 26, 2024 (3 week s ago)	

37546759  DOI 	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	Oct 26, 2024 (3 weeks ago)
38018851  DOI 	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 (3 weeks ago)
39206133  DOI 	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 (3 weeks ago)
38844817  DOI 	Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage cross-talk, promoting immunos...	Tommaso Sclaro ...36 more... Massimili	0	11.9	3	3	Nature Cancer	2,024	Oct 26, 2024 (3 weeks ago)

		ano Mazzone								s ago)
39257804  DOI 	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	2,0 24	Oct 26, 2024 (3 week s ago)	
39300135  DOI 	Gut symbiont-derived sphingosine modulates vector competence in Aedes mosquitoes.	Xiaomei Sun ...12 more... Zhen Zou	0	4.8 87	0	0	Nature Communications	2,0 24	Oct 26, 2024 (3 week s ago)	
38651675  DOI 	A nested case-control study of untargeted plasma metabolomics and lung cancer among never- smoking...	Mohamm ad L Rahman ...12 more... Qing Lan	0	2.1 31	2	2	International Journal of Cancer	2,0 24	Oct 26, 2024 (3 week s ago)	
38826219  DOI 	Single-cell transcriptomics reveals stage- and side-specificity of gene	Sara Rahimine	0	0	0	0	Res Sq	2,0 24	Oct 26,	

	modules in colorectal can...	jad ...2 more... Shankar Subrama niam								2024 (3 week s ago)
38286827  DOI 	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	Oct 26, 2024 (3 week s ago)	
38165806  DOI 	Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t...	Dimitris Karagian nis ...11 more... Chao Lu	0	4.2 79	2	2	Cell Reports	2,0 24	Oct 26, 2024 (3 week s ago)	
38318337  DOI 	Exploring the interplay between running exercises, microbial diversity, and tryptophan metabolism...	Alejandra Vazquez- Medina ...6 more...	0	1.0 65	0	0	Frontiers in Microbiology	2,0 24	Oct 26, 2024 (3 week	

		Nataliya Chorna								s ago)
38187579 DOI ↗	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 (3 weeks ago)	
38813868 DOI ↗	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 (3 weeks ago)	
38544285 DOI ↗	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 (3 weeks ago)	
39420002 DOI ↗	Methionine-SAM metabolism-dependent ubiquinone synthesis	Chaoyi Xia	0	4.887	0	0	Nature Communications	2,024	Oct 26,	


	is crucial for ROS accumulation in ferro...	...13 more... Yang Wang								2024 (3 weeks ago)
37849634 DOI ↗	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 (3 weeks ago)
38102827 DOI ↗	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 (3 weeks ago)
39143213 DOI ↗	Mitochondrial complex I promotes kidney cancer metastasis.	Divya Bezwada ...36 more... Ralph J	0	18.509	0	0	Nature	2,024		Oct 26, 2024 (3 weeks ago)

		DeBerardinis								s ago)
38975764 DOI 🔗	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 (3 weeks ago)	
38172157 DOI 🔗	Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.	Adriana C Norris ...7 more... Todd R Graham	0	0.9	3	3	Scientific Reports	2,024	Oct 26, 2024 (3 weeks ago)	

Software repositories associated with this project.

		Maloyan								Oct 26,
Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.		
DOI 🔗	offspring born to obese mothers.		more... Sushil Kumar	No data				24	week s ago)	
Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies	
DOI 🔗		dependent glucose metabolism		Zhen	No data	87		Communications	24	1,

Notes

Repository	For storing, tracking changes to, and collaborating on a piece of software.						
PR	"Pull request", a draft change (new feature, bug fix, etc.) to a repo.				2024		
Closed/Open	Resolved/unresolved.	Nabeel			(2 week		
Avg Issue/PR	Average time issues/pull requests stay open before being closed.				s ago)		
Only the main /default branch is considered for metrics like # of commits.							
# of dependencies	is totaled from all manifests in repo, direct and transitive, e.g. package.json + package-lock.json.				Oct 26, 2024		
38926365 	METTL3-mediated chromatin contacts promote stress granule	Wang	4.8	Nature	2,0		

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.

