



Core Project OT2OD030544



Details







Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD030544-01	Biomedical Data Commons	\$3,229,346.00	34 publications	0 repositories	0 properties
3OT2OD030544-01S1	Workbench (BDCW)				
3OT2OD030544-01S3					
3OT2OD030544-01S4					
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	Pu blis hed	Updat ed
34862502 DOI ↗	GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser.	Daniel Petras ...33 more... Mingxun Wang	5. 6 7	14 .7 96	30	15	Nature Methods	2,0 22	Oct 26, 2024 (2 hours 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. 88 7	12	12	Nature Communications	2,0 23	Oct 26, 2024 (1 hour 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. 19 2	11	11	Nature Metabolism	2,0 23	Oct 26, 2024 (50 minut es ago)
37441265 DOI ↗	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan ...12 more... Gary H Perdew	2. 2 9	1. 00 4	7	7	International Journal of Tryptophan Research	2,0 23	Oct 26, 2024 (1 hour ago)







34721400  DOI 	Immune Response in Severe and Non-Severe Coronavirus Disease 2019 (COVID-19) Infection: A Mechani...	Kavitha Mukund ...6 more... Shankar Subramaniam	1. 8	1. 86 8	23	7.6 67	Frontiers in Immunology	2,0 21	Oct 26, 2024 (40 minutes ago)
37452018  DOI 	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata ...16 more... Guillermo Oliver	1. 6 1	4. 88 7	6	6	Nature Communications	2,0 23	Oct 26, 2024 (1 hour 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. 27 9	6	6	Cell Reports	2,0 23	Oct 26, 2024 (49 minutes ago)









37515770  DOI 	The stability of the myelinating oligodendrocyte transcriptome is regulated by the nuclear lamina.	Mathilde Pruvost ...16 more... Patrizia Casaccia	1. 2 4	4. 27 9	5	5	Cell Reports	2,0 23	Oct 26, 2024 (1 hour ago)
38001239  DOI 	IL-1 β -mediated adaptive reprogramming of endogenous human cardiac fibroblasts to cells with immun...	Jamila H Siamwala ...11 more... Richard J Gilbert	0. 5 2	2. 09	2	2	Communications Biology	2,0 23	Oct 26, 2024 (42 minutes 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 (1 hour ago)
35448980  DOI 	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahiminejad ...2 more... Shankar	0. 1 7	1. 08 7	2	1	BMC Cancer	2,0 22	Oct 26, 2024 (1 hour ago)

		Subrama niam							
37983749  DOI 	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasa n ...3 more... Shankar Subrama niam	0. 1 1	4. 62 1	1	0.5	GigaScience	2,0 22	Oct 26, 2024 (27 minut es 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	2,0 23	Oct 26, 2024 (1 hour ago)
38313293  DOI 	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	2,0 24	Oct 26, 2024 (2 hours ago)
38318337  DOI 	Exploring the interplay between running exercises, microbial	Alejandra Vazquez- Medina	0	1. 06 5	0	0	Frontiers in Microbiology	2,0 24	Oct 26, 2024

	diversity, and tryptophan metabolism...	...6 more... Nataliya Chorna								(2 hours ago)
38165806 DOI ↗	Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t...	Dimitris Karagianis ...11 more... Chao Lu	0	4.279	2	2	Cell Reports	2,024	Oct 26, 2024 (2 hours 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 (2 hours 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 (37 minutes ago)	
38102827 DOI ↗	Modeling transcriptional regulation of the cell cycle using a	Rubesh Raja	0	1.18	0	0	Biophysical Journal	2,024	Oct 26,	

	novel cybernetic-inspired approach.	...5 more... Doraiswami Ramkrishna	8							2024 (2 hours ago)
38651675 DOI ↗	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	2	2	International Journal of Cancer	2,024		Oct 26, 2024 (2 hours ago)
38714664 DOI ↗	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 hour ago)
38926365 DOI ↗	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 hour ago)

38844817  DOI 	Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage cross-talk, promoting immunos...	Tommaso Scolaro ...36 more... Massimiliano Mazzone	0	11.9	3	3	Nature Cancer	2,024	Oct 26, 2024 (1 hour 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 (2 hours 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 (2 hours 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	2,024	Oct 26, 2024 (2 hours 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 (1 hour 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)	2,023	Oct 26, 2024 (37 minutes ago)
38226418  DOI 	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	Oct 26, 2024 (2 hours ago)

37849634 DOI	Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei...	Ashay O Patel ...2 more... Shankar Subrama niam	0	63	0	0	Journal of Alzheimer's Disease Reports	2,023	Oct 26, 2024 (48 minutes ago)

Repositories

38813868 DOI	Fetal growth delay caused by loss of non-canonical imprinting is resolved late in pregnancy and c...	Ruby Oberin ...1 more... Patrick S	0	93	1	1	eLife	2,024	Oct 26, 2024 (1 hour ago)

Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.
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			Sara	No data					
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	Single-cell transcriptomics		Rahiminejad						Oct 26,
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Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies
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					Subrama niam					ago)
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Notes

39143213 DOI	Mitochondrial complex I promotes kidney cancer metastasis.	Divya Bezwada ...36 more...	0	18	0	0	Nature	2,024	Oct 26, 2024 (1

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.								
Closed/Open	Resolved/unresolved.								

Ralph J

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.




of dependencies is totaled from all manifests in repo, direct and transitive, e.g. `package.json` + `package-lock.json`.

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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.

Cumulative Publications

Total: 34

