



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
34862502  DOI 	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)
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	3.15	4.887	9	9	Nature Communications	2,023	Sep 1, 2024 (3 weeks ago)
37798473  DOI 	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)
37441265  DOI 	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)
34721400 DOI ↗	Immune Response in Severe and Non-Severe Coronavirus Disease 2019 (COVID-19) Infection: A Mechani...	Kavitha Mukund ...6 more... Shankar Subramaniam	1.74	1.868	22	7.333	Frontiers in Immunology	2,021	Sep 1, 2024 (3 weeks ago)	
37452018 DOI ↗	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata ...16 more... Guillermo Oliver	1.66	4.887	5	5	Nature Communications	2,023	Sep 1, 2024 (3 weeks 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	1.59	4.279	5	5	Cell Reports	2,023	Sep 1, 2024 (3 weeks ago)	
35448980 DOI ↗	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahimine	0.1	1.087	2	1	BMC Cancer	2,022	Sep 1,	

		jad ...2 more... Shankar Subrama niam	8							2024 (3 week s ago)
37983749  DOI 	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)	
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	Sep 1, 2024 (3 week s ago)	
38286827  DOI 	Loss of Pip4k2c confers liver- metastatic organotropism through insulin-dependent PI3K- AKT pathway...	Meri Rogava ...43 more...	0	11. 9	4	4	Nature Cancer	2,0 24	Sep 1, 2024 (3 week	

		Benjamin Izar								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)	2,023	Sep 1, 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	2	2	Scientific Reports	2,024	Sep 1, 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	Sep 1, 2024 (3 weeks ago)	
38813868 DOI ↗	Fetal growth delay caused by loss of non-canonical imprinting is	Ruby Oberin	0	3.932	1	1	eLife	2,024	Sep 1,	

	resolved late in pregnancy and c...	...14 more... Patrick S Western									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		2,0 23	Sep 1, 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	0	1	1	bioRxiv		2,0 23	Sep 1, 2024 (3 week s ago)	
38318337  DOI 	Exploring the interplay between running exercises, microbial diversity, and tryptophan metabolism...	Alejandra Vazquez- Medina ...6 more... Nataliya Chorna	0	1.0 65	0	0	Frontiers in Microbiology		2,0 24	Sep 1, 2024 (3 week s 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	2.09	2	2	Communications Biology	2,023	Sep 1, 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	Sep 3, 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	Sep 1, 2024 (3 weeks ago)
38187579 DOI ↗	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)

		Šaunak Sen								s ago)
37515770 DOI ↗	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)	
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	2,024	Sep 1, 2024 (3 weeks 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	1	1	Nature Cancer	2,024	Sep 1, 2024 (3 weeks ago)	
38651675 DOI ↗	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)
38714664 DOI ↗	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)
38975764 DOI ↗	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)
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		Sep 1, 2024 (3 week s ago)

38102827 DOI ↗	Modeling transcriptional regulation of the cell cycle using a novel cybernetic-inspired approach.	Rubesh Raja ...5 more...	0	1.188	0	0	Biophysical Journal	2,024	Sep 1, 2024 (3 weeks ago)
38826219 DOI ↗	Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can...	Sara Rahiminejad ...2 more...	0	0	0	0	Res Sq	2,024	Sep 1, 2024 (3 weeks ago)
Software repositories associated with this project.									
38926365 DOI ↗	METTL3-mediated chromatin contacts promote stress granule phase separation through	Chen Wang ...17 more...	0	4.807	0	0	Nature Communications	2,024	Sep 1, 2024 (3 weeks ago)
Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.	
No data									
38544285 DOI ↗	Repeated exposure to eucalyptus wood smoke alters pulmonary	Samuel J Cochran ...11	0	0.911	0	0	Toxicological Sciences	2,024	Sep 1, 2024

Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies
No data									
Notes	gene and metabolic profiles in male L...		more... Kymberly M Gowdy						(3 weeks ago)
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.								
Notes	Average time issues/pull requests stay open for before being closed.								
Avg Issue/PR									
Only the Be Citation Bank is considered for metrics like # of commits.									
SIP Scimago Journal Rank # 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.

