

## **▶** Core Project OT2OD030544

## O 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					
3OT2OD030544-01S2					
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 <b>乙</b> DOI <b>乙</b>	GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser.	Daniel Petras33 more Mingxun Wang	5. 8 8	14. 79 6	30	15	Nature Methods	2,0 22	Sep 28, 2024 (1 wee k ago)
37349305 <b>♂</b> DOI <b>♂</b>	Defining diurnal fluctuations in mouse choroid plexus and CSF at high molecular, spatial, and tem	Ryann M Fame 21 more Maria K Lehtinen	3. 3 7	4.8 87	10	10	Nature Communications	2,0 23	Sep 28, 2024 (1 wee k ago)
37798473 <b>♂</b> DOI <b>♂</b>	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate	Anne Miller 7 more Gary Yellen	3. 3 5	7.1 92	10	10	Nature Metabolism	2,0 23	Sep 28, 2024 (1 wee k ago)
37441265 🗹 DOI 🗗	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan 12 more	2. 1 6	1.0 04	6	6	International Journal of Tryptophan Research	2,0 23	Sep 28, 2024 (1 wee

		Gary H Perdew							k ago)
34721400 <b>亿</b> DOI <b>亿</b>	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	Sep 28, 2024 (1 wee k ago)
37815914 🗗 DOI 🗗	MYC is a regulator of androgen receptor inhibition-induced metabolic requirements in prostate can	Preston D Crowell23 more Andrew S Goldstein	1. 7 8	4.2 79	6	6	Cell Reports	2,0 23	Sep 28, 2024 (1 wee k ago)
37452018 🗗 DOI 🗗	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata 16 more Guillerm o Oliver	1. 7 7	4.8 87	6	6	Nature Communications	2,0 23	Sep 28, 2024 (1 wee k ago)
37515770 🗗	The stability of the myelinating oligodendrocyte transcriptome is	Mathilde Pruvost	1. 4	4.2 79	5	5	Cell Reports	2,0 23	Sep 28,

	regulated by the nuclear lamina.	16 more Patrizia Casaccia	1						2024 (1 wee k ago)
35448980 <b>Z</b> DOI <b>Z</b>	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahimine jad 2 more Shankar Subrama niam	0. 1 7	1.0 87	2	1	BMC Cancer	2,0 22	Sep 28, 2024 (1 wee k ago)
37983749 🗷	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	Sep 28, 2024 (1 wee k ago)
38165806 CZ DOI CZ	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 28, 2024 (1 wee

		more Chao Lu							k ago)
38318337 <b>♂</b> DOI <b>♂</b>	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 28, 2024 (1 wee k ago)
38102827 🗗 DOI 🗗	Modeling transcriptional regulation of the cell cycle using a novel cybernetic-inspired approach.	Rubesh Raja 5 more Doraiswa mi Ramkrish na	0	1.1 88	0	0	Biophysical Journal	2,0 24	Sep 28, 2024 (1 wee k 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	0.9 11	0	0	Toxicological Sciences	2,0 24	Sep 28, 2024 (1 wee k ago)

38926365 <b>2</b>	METTL3-mediated chromatin contacts promote stress granule phase separation through metabolic repr	Chen Wang 17 more Rugang Zhang	0	4.8 87	0	0	Nature Communications	2,0 24	Sep 28, 2024 (1 wee k ago)
39206133 <b>乙</b> DOI <b>乙</b>	Phosphate availability conditions caspofungin tolerance, capsule attachment and titan cell format	Xianya Qu 7 more James W Kronstad	0	0.4 91	0	0	Frontiers in Fungal Biology	2,0 24	Sep 28, 2024 (1 wee k ago)
39143213 🗗 DOI 🗗	Mitochondrial complex I promotes kidney cancer metastasis.	Divya Bezwada36 more Ralph J DeBerard inis	0	18. 50 9	0	0	Nature	2,0 24	Sep 30, 2024 (6 days ago)
38172157 <b>2</b>	Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.	Adriana C Norris 7 more	0	0.9	3	3	Scientific Reports	2,0 24	Sep 28, 2024 (1 wee

		Todd R Graham							k ago)
38187579 <b>♂</b> DOI <b>♂</b>	Matrix Linear Models for connecting metabolite composition to individual characteristics.	Gregory Farage 5 more Śaunak Sen	0	0	0	0	bioRxiv	2,0 23	Sep 28, 2024 (1 wee k ago)
38826219 ☑ DOI ☑	Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can	Sara Rahimine jad2 more Shankar Subrama niam	0	0	0	0	Res Sq	2,0 24	Sep 28, 2024 (1 wee k 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	2.0 9	2	2	Communications Biology	2,0 23	Sep 28, 2024 (1 wee k ago)

37398141 <b>♂</b> DOI <b>♂</b>	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 28, 2024 (1 wee k ago)
38286827 <b>♂</b> DOI <b>♂</b>	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 28, 2024 (1 wee k ago)
38813868 <b>♂</b> DOI <b>♂</b>	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	3.9 32	1	1	eLife	2,0 24	Sep 28, 2024 (1 wee k ago)
38844817 🗹 DOI 🗗	Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage cross-talk, promoting immunos	Tommas o Scolaro 36 more Massimili	0	11. 9	2	2	Nature Cancer	2,0 24	Sep 28, 2024 (1 wee

		ano Mazzone							k ago)
38651675 🗗 DOI 🗗	A nested case-control study of untargeted plasma metabolomics and lung cancer among neversmoking	Mohamm ad L Rahman 12 more Qing Lan	0	2.1 31	1	1	International Journal of Cancer	2,0 24	Sep 28, 2024 (1 wee k ago)
38975764 <b>②</b> DOI <b>②</b>	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 28, 2024 (1 wee k ago)
38018851 🗹 DOI 🗹	Lipidomic Analysis Reveals Differences in the Extent of Remyelination in the Brain and Spinal Cord.	Nishama De Silva Mohotti5 more Meredith D Hartley	0	1.2 99	0	0	Journal of Proteome Research	2,0 24	Sep 28, 2024 (1 wee k ago)
37849634 🖸	Endotype Characterization Reveals Mechanistic Differences	Ashay O Patel	0	0.6 35	0	0	Journal of Alzheimer's Disease Reports	2,0 23	Sep 28,

	Across Brain Regions in Sporadic Alzhei	2 more Shankar Subrama niam							2024 (1 wee k ago)
37546759 <b>乙</b> DOI <b>乙</b>	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 28, 2024 (1 wee k ago)
38313293 <b>乙</b> DOI <b>乙</b>	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	Sep 28, 2024 (1 wee k ago)
38161977 <b>乙</b> DOI <b>乙</b>	Gut microbiota and metabolites in estrus cycle and their changes in a menopausal transition rat m	Ruoxi Dai 5 <b>n</b> or <b>Repo</b> Yan Sun	o sito	o ries	0	0	Front Endocrinol (Lausanne)	2,0 23	Sep 28, 2024 (1 wee k ago)

Software repositories associated with this project.

Name	De	escription	Stars	Wato	hers	Forks	Issue	S	PRs	Commits	Con	trib.
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		Fatty acid motab	olicm promo	toc	Nicola:	5			۸mar	ican lournal of		28,
	_	Fatty acid metab	oonsin promo	tes	Philip				Amer	ican Journal of		2024
Name	Tags	Last Commit	Avg Issue	Avg I	PR La	anguages	License	Read	dme	Contributing	Depend	encies
		pulmonar			Karthil	No data			Physi	ology		k
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Notes					Yuanli							Sep
Repositor 387146	<u>¾</u> ♂ F	FGFR inhibition k or storing, tracki dependent glucc	olocks NF-ĸB- ng changes to ose metabolis	o, and c			piece of soft	ware.	Natu	re	2,0	28, 2024
PRDOI	II	Paul brequiests, na et	adolibange (r	new fea	itproere.i	ug fix, etc.) 1	1 <b>8</b> 07a repo.	0	Comr	munications	24	(1
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Avg Issue	/PR A	Average time issu	es/pull reque	sts stay		,	eing closed	•				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.

## Analytics

Traffic metrics of websites associated with this project.

New Users <u>Users who visited the website for the first time 2.</u>

Engaged Sessions <u>Visits that had significant interaction</u> **.** 

"Top" metrics are measured by number of engaged sessions.

Generated on Oct 6, 2024

