

# **▶** Core Project OT2OD030544

## O 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 <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. 9	14. 79 6	29	14. 5	Nature Methods	2,0 22	Sep 1, 2024 (4 week s 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. 1 5	4.8 87	9	9	Nature Communications	2,0 23	Sep 1, 2024 (4 week s 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	2. 8 9	7.1 92	8	8	Nature Metabolism	2,0 23	Sep 1, 2024 (4 week s ago)
37441265 🗹 DOI 🗗	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan 12 more	2.	1.0 04	6	6	International Journal of Tryptophan Research	2,0 23	Sep 1, 2024 (4 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. 7 4	1.8 68	22	7.3 33	Frontiers in Immunology	2,0 21	Sep 1, 2024 (4 week s ago)
37452018 <b>亿</b> DOI <b>亿</b>	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata 16 more Guillerm o Oliver	1. 6 6	4.8 87	5	5	Nature Communications	2,0 23	Sep 1, 2024 (4 week s 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. 5 9	4.2 79	5	5	Cell Reports	2,0 23	Sep 1, 2024 (4 week s ago)
35448980 🗹	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahimine	0. 1	1.0 87	2	1	BMC Cancer	2,0 22	Sep 1,

		jad 2 more Shankar Subrama niam	8						2024 (4 week s ago)
37983749 <b>♂</b> DOI <b>♂</b>	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 (4 week s ago)
37515770 🗹 DOI 🗗	The stability of the myelinating oligodendrocyte transcriptome is regulated by the nuclear lamina.	Mathilde Pruvost 16 more Patrizia Casaccia	0	4.2 79	4	4	Cell Reports	2,0 23	Sep 1, 2024 (4 week s ago)
37546759 🗹 DOI 🗹	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate	Anne Miller 7 more	0	0	0	0	Res Sq	2,0 23	Sep 24, 2024 (3

		Gary Yellen							days 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 1, 2024 (4 week s ago)
38172157 <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	0.9	2	2	Scientific Reports	2,0 24	Sep 1, 2024 (4 week s ago)
38826219 <b>♂</b> DOI <b>♂</b>	Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can	Sara Rahimine jad 2 more Shankar Subrama niam	0	0	0	0	Res Sq	2,0 24	Sep 1, 2024 (4 week s ago)

38975764 <b>乙</b> DOI <b>乙</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 1, 2024 (4 week s ago)
38226418 <b>乙</b> DOI <b>乙</b>	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 (4 week s ago)
38651675 <b>乙</b> DOI <b>乙</b>	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	0	0	International Journal of Cancer	2,0 24	Sep 1, 2024 (4 week s ago)
38813868 <b>亿</b> <u>DOI</u> <b>亿</b>	Fetal growth delay caused by loss of non-canonical imprinting is resolved late in pregnancy and c	Ruby Oberin 14 more	0	3.9 32	1	1	eLife	2,0 24	Sep 1, 2024 (4 week

		Patrick S Western							s ago)
38844817 <b>♂</b> DOI <b>♂</b>	Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage cross-talk, promoting immunos	Tommas o Scolaro 36 more Massimili ano Mazzone	0	11. 9	1	1	Nature Cancer	2,0 24	Sep 1, 2024 (4 week s ago)
38926365 ☑ DOI ☑	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 1, 2024 (4 week s ago)
38102827 ☑ DOI ☑	Modeling transcriptional regulation of the cell cycle using a novel cybernetic-inspired approach.	Rubesh Raja5 more Doraiswa mi Ramkrish na	0	1.1 88	0	0	Biophysical Journal	2,0 24	Sep 1, 2024 (4 week s 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 1, 2024 (4 week s 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 1, 2024 (4 week s ago)
39206133 🗹 DOI 🗗	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 3, 2024 (3 week s ago)
38286827 🖸	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 (4 week

		Benjamin Izar							s 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	Sep 1, 2024 (4 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 24, 2024 (3 days ago)
38001239 <b>♂</b> DOI <b>♂</b>	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 1, 2024 (4 week s ago)
38018851 🗹 DOI 🗹	Lipidomic Analysis Reveals Differences in the Extent of	Nishama De Silva Mohotti	0	1.2 99	0	0	Journal of Proteome Research	2,0 24	Sep 24, 2024

	Remyelination in Spinal Cord.	the Brain and	5 more								(3 days
			Meredith D Hartley								ago)
<u>37849634</u>	Endotype Charac Reveals Mechani Across Brain Reg Alzhei	stic Difference:	more	0	0.6 35	0	0	•	al of Alzheimer's se Reports	2,0 23	Sep 1, 2024 (4 week s ago)
<u>38161977</u>	Gut microbiota a estrus cycle and menopausal trar		5			0 n this p	0 rojed	Front ct.(Lausa	Endocrinol anne)	2,0 23	Sep 1, 2024 (4 week s
Name Do	escription	Stars	Watchers	Fork	S	Issue	s	PRs	Commits	Cor	ntrib.
	Metabolic reprog	gramming by	טוmitris No Karagian	data							Sep 24,
38165806 <b>[</b> 2	histone deacetyl		nis 11	0	4.2 70	2	2	Cell Re	eports	2,0	2024
Name Tags	Last Commit	Avg Issue	Avg PR Lang	uages	Lic	ense	Rea	adme	Contributing	Depend	encies
			Cnao Lu No	data							ago)

#### 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.	
Closed/Open	Resolved/unresolved. Yuanli	Sep
Avg Issue/PR	Ayerage time issues/pull requests stay apen for before being closed.	1,
38714664 CA Only the mair DOI	dependent glucose metabolism11 4.8 Nature 2,0 n/default branch is considered for metrics like # of commits. 0 0 and confers metabolic more 87 Communications 24	2024 (4
# of depender	ncie <b>s uknerabėlitifs</b> sim all manifests in repo <b>Ņaib<b>eet</b> and transitive, e.g. package.json + package-lock.jsc Bardeesy</b>	week on . s
	Dai accsy	ago)

# Analytics

Traffic metrics of websites associated with this project.

### Notes

Active Users Distinct users who visited the website 2.

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

Engaged Sessions <u>Visits that had significant interaction</u> **2**.

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

### **Cumulative Publications**

Total: 33

