

# **▶** 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>亿</b> DOI <b>亿</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 (3 week s 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. 1 5	4.8 87	9	9	Nature Communications	2,0 23	Sep 1, 2024 (3 week s ago)
37798473 🖸	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 (3 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 (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. 7 4	1.8 68	22	7.3 33	Frontiers in Immunology	2,0 21	Sep 1, 2024 (3 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 (3 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 (3 week s ago)
35448980 <b>乙</b>	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 (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 🗗	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 <b>♂</b> DOI <b>♂</b>	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	Sep 1, 2024 (3 week s ago)
38172157 <b>②</b> DOI <b>②</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 (3 week s 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 1, 2024 (3 week s ago)
38813868 🖸	Fetal growth delay caused by loss of non-canonical imprinting is	Ruby Oberin	0	3.9 32	1	1	eLife	2,0 24	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 🗷	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 <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 (3 week s ago)

38001239 <b>乙</b> DOI <b>乙</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 (3 week s 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 3, 2024 (2 week s ago)
37849634 <b>乙</b> DOI <b>乙</b>	Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei	Ashay O Patel2 more Shankar Subrama niam	0	0.6 35	0	0	Journal of Alzheimer's Disease Reports	2,0 23	Sep 1, 2024 (3 week s ago)
38187579 <b>乙</b> <u>DOI</u> <b>乙</b>	Matrix Linear Models for connecting metabolite composition to individual characteristics.	Gregory Farage 5 more	0	0	0	0	bioRxiv	2,0 23	Sep 1, 2024 (3 week

		Śaunak Sen							s ago)
37515770 <b>亿</b> DOI <b>亿</b>	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 (3 week s ago)
38313293 <b>♂</b> DOI <b>♂</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 1, 2024 (3 week s ago)
38844817 <b>2</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 (3 week s ago)
38651675 🗹	A nested case-control study of untargeted plasma metabolomics	Mohamm ad L	0	2.1 31	0	0	International Journal of Cancer	2,0 24	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 <b>乙</b> DOI <b>乙</b>	Modeling tran regulation of novel cyberne approach.	the cell cycle us	sing a	Rubesh Raja 5 more Doraiswa mi Ramkrish na	0	1.1 88	0	0	Biophysi	cal Journal	2,0 24	Sep 1, 2024 (3 week s ago)
38826219 <b>乙</b> DOI <b>乙</b>	stage- and sid	nscriptomics role-specificity of olorectal can		Sara Rahimine jad2 more Shankar Subrama	0 Osito	0 ories	0	0	Res Sq		2,0 24	Sep 1, 2024 (3 week s ago)
	METTL3-medi	ated chromatin	are rep	Chen ositories ass	sociat	ed witl	h this	proje	ct.			Sep 1,
38926365 <b>[</b>		note stress gra		17	0	4.8 07	0	0	Nature	aications	2,0	2024 (3
Name D	escription	Stars	Wat	chers	Fork	(S	Issu	es	PRs	Commits	Cor	itrib.
				∠nang No o	data							ago)
38544285 <b>乙</b> DOI <b>乙</b>	•	osure to eucal <sub>!</sub> alters pulmona		Samuel J Cochran 11	0	0.9 11	0	0	Toxicolo	gical Sciences	2,0 24	Sep 1, 2024

Name T	ags Last Commi	t Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies
				No data				
Notes	gene and met male L	abolic profiles ir		ore mberly				(3 week
Repository	For storing, trac	cking changes to	o, and colla	Gowdy iborating on a	piece of sof	tware.		S 200)
PR	"Pull request", a	a draft change (n	new featur	e, bug fix, etc.)	to a repo.			ago)
Closed/Ope	n Resolved/unres	olved.						
<b>Ngtes</b> ue/P	R Average time is	sues/pull reques	sts stay op	en for before	peing closed	d.		

Only the main destain brainch's considered for metrics like # of commits.

#Of dependencies is to taked 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 <u>Distinct users who visited the website</u> **?**.

New Users Users who visited the website for the first time 2.

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

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

Total: 33

