

# **L** Core Project OT2OD030544

### O Details

Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD030544-01	Biomedical Data Commons	\$3,229,346.00	33 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>②</b> DOI <b>②</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 day 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. 3 7	4.8 87	10	10	Nature Communications	2,0 23	Sep 28, 2024 (1 day ago)
37798473 🖸	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 day ago)
37441265 🗹 DOI 🗗	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan 12 more Gary H Perdew	2. 1 6	1.0 04	6	6	International Journal of Tryptophan Research	2,0 23	Sep 28, 2024 (1 day ago)

<u>34721400</u> ☑ DOI ☑	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 day 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 day 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 day ago)
37515770 🗹 DOI 🗹	The stability of the myelinating oligodendrocyte transcriptome is regulated by the nuclear lamina.	Mathilde Pruvost 16 more Patrizia Casaccia	1. 4 1	4.2 79	5	5	Cell Reports	2,0 23	Sep 28, 2024 (1 day ago)

35448980 <b>2</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 day ago)
37983749 🗗 DOI 🗗	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 day 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 28, 2024 (1 day ago)
38975764 <b>2</b>	Taurine modulates host cell responses to <i>Helicobacter pylori</i> VacA toxin.	Mandy D Westland 5 more	0	1.0 42	0	0	Infection and Immunity	2,0 24	Sep 28, 2024 (1

		Timothy L Cover							day ago)
38826219 <b>♂</b> DOI <b>♂</b>	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 day ago)
<u>38318337</u> <b>♂</b> <u>DOI</u> <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 day 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	2,0 24	Sep 28, 2024 (1 day ago)
38651675 🖸	A nested case-control study of untargeted plasma metabolomics	Mohamm ad L	0	2.1 31	1	1	International Journal of Cancer	2,0 24	Sep 28,

	and lung cancer among never- smoking	Rahman 12 more Qing Lan							2024 (1 day ago)
38844817 🗹 DOI 🗹	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	2	2	Nature Cancer	2,0 24	Sep 28, 2024 (1 day ago)
38226418 🖸	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 28, 2024 (1 day ago)
38813868 ☑ DOI ☑	Fetal growth delay caused by loss of non-canonical imprinting is resolved late in pregnancy and c	Ruby Oberin14 more Patrick S Western	0	3.9 32	1	1	eLife	2,0 24	Sep 28, 2024 (1 day ago)
38926365 🗹	METTL3-mediated chromatin contacts promote stress granule	Chen Wang	0	4.8 87	0	0	Nature Communications	2,0 24	Sep 28,

	phase separation through metabolic repr	17 more Rugang Zhang							2024 (1 day ago)
38102827 🗗 DOI 🗗	Modeling transcriptional regulation of the cell cycle using a novel cybernetic-inspired approach.	Rubesh Raja 5 more Doraiswa mi Ramkrish	0	1.1 88	0	0	Biophysical Journal	2,0 24	Sep 28, 2024 (1 day ago)
<u>38187579</u> <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 day 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 day ago)

39206133 🗹	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 day ago)
38286827 <b>②</b> DOI <b>②</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 day ago)
37849634 🗹 DOI 🗗	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 28, 2024 (1 day 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 day 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 day 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 28, 2024 (1 day ago)
<u>38313293</u> <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 28, 2024 (1 day ago)
37398141 🗹 DOI 🗹	Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.	Adriana C Norris 7 more Todd R	o sito	o ories	1	1	bioRxiv	2,0 23	Sep 28, 2024 (1 day ago)

#### Software repositories associated with this project.

Name	Description	Stars	Wat	chers	5	Fork	S	Issue	es	PRs	Commits	Con	itrib.
	Cut maiorealaiat		:-	Ruc	oxi Daid	ata							28,
<u>38161977</u> [	Gut microbiota and metabolites in estrus cycle and their changes in a more 0 0 0 0 Front Endoc (Lausanne)  Tags Last Commit Avg Issue Avg PR Languages License Readme Control  No data  Dimitris  Metabolic reprogramming by Karagian histone deacetylase inhibition nis 4.2 preferentially targets NRF211 79 2 2 Cell Reports preferentially targets NRF211 79 2 2 Cell Reports prository Forcive in the change (new feature, bug fix, etc.) to a repo.	0	0	t Endocrinol	2,0	2024							
DOI [2]	estrus cycle ar	id their changes	III d	moi	re	U	U	U	U	(Laus	sanne)	23	(1
Name Ta	igs Last Commi	t Avg Issue	Avg	PR	Langu	ages	Lic	ense	Rea	adme	Contributing	Depend	encies
					No d	ata							u <sub>6</sub> 0)
				Dim	nitris								Sep
	Metabolic repi	ogramming by		Kar	agian								28,
<u> </u>	🛂 histone deace	tylase inhibition		nis		0	4.2	2	2	Call F	loporto	2,0	2024
DOI 🛂	preferentially	targets NRF2-		11		U	79	Z	2	Cell F	Reports	24	(1
Repository	Footivoting, ttrac	king changes to	, and	connal	ឋ <b>ឲ</b> rating	g on a	piece	e of sot	twar	e.			day
PR	"Pull request", a	draft change (n	ew fea	Cha ature	io Lu , bug fix	, etc.	) to a r	repo.					ago)
Closed/Oper	Resolved/unres	olved.											
<b>Nate</b> ue/PR	Average time iss	sues/pull reques	ts sta	у оре	en for be	efore	being	close	d.				

Rolly the main /default branch's considered for metrics like # of commits.

#Inf dependencies is tataled from all manifests in repo, direct and transitive, e.g. package.json + package-lock.json.

## Analytics

Traffic metrics of websites associated with this project.

#### **Cumulative Publications**

Total: 33

Active Users

Distinct users who visited the website [2].

New Users

Users who visited the website for the first time  $\square$ .

**Engaged Sessions** 

<u>Visits that had significant interaction</u> **∠**.

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

Generated on Sep 30, 2024

