

# **▶** Core Project OT2OD030544

## O Details

Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD030544-01	Biomedical Data Commons	\$3,229,346.00	37 publications	0 repositories	0 properties
3OT2OD030544-01S3	Workbench (BDCW)				
3OT2OD030544-01S1					
3OT2OD030544-01S4					
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. 6 7	14. 79 6	30	15	Nature Methods	2,0 22	Oct 26, 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	4. 0 3	4.8 87	12	12	Nature Communications	2,0 23	Oct 26, 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. 6 5	7.1 92	11	11	Nature Metabolism	2,0 23	Oct 26, 2024 (1 wee k ago)
37441265 🗹	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan 12 more	2. 2 9	1.0 04	7	7	International Journal of Tryptophan Research	2,0 23	Oct 26, 2024 (1 wee

		Gary H Perdew							k ago)
34721400 <b>②</b> DOI <b>②</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	Oct 26, 2024 (1 wee k ago)
37452018 🗗 DOI 🗗	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata 16 more Guillerm o Oliver	1. 6 1	4.8 87	6	6	Nature Communications	2,0 23	Oct 26, 2024 (1 wee k ago)
37815914 🗗	MYC is a regulator of androgen receptor inhibition-induced metabolic requirements in prostate can	Preston D Crowell23 more Andrew S Goldstein	1. 5 8	4.2 79	6	6	Cell Reports	2,0 23	Oct 26, 2024 (1 wee k ago)
37515770 🗗	The stability of the myelinating oligodendrocyte transcriptome is	Mathilde Pruvost	1. 2	4.2 79	5	5	Cell Reports	2,0 23	Oct 26,

	regulated by the nuclear lamina.	16 more Patrizia Casaccia	4						2024 (1 wee k 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. 5 2	2.0 9	2	2	Communications Biology	2,0 23	Oct 26, 2024 (1 wee k ago)
37398141 🗗	Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.	Adriana C Norris 7 more Todd R Graham	0. 3 2	0	1	1	bioRxiv	2,0 23	Oct 26, 2024 (1 wee k ago)
35448980 🗹	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahimine jad 2 more Shankar	0. 1 7	1.0 87	2	1	BMC Cancer	2,0 22	Oct 26, 2024 (1 wee k ago)

		Subrama niam							
37983749 <b>♂</b> DOI <b>♂</b>	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasa n3 more Shankar Subrama niam	0. 1 1	4.6 21	1	0.5	GigaScience	2,0 22	Oct 26, 2024 (1 wee k ago)
37849634 ☑ DOI ☑	Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei	Ashay O Patel 2 more Shankar Subrama niam	0	0.6 35	0	0	Journal of Alzheimer's Disease Reports	2,0 23	Oct 26, 2024 (1 wee 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	Oct 26, 2024 (1 wee k ago)

37546759 <b>♂</b> DOI <b>♂</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	Oct 26, 2024 (1 wee k ago)
<u>38813868</u>	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	Oct 26, 2024 (1 wee k ago)
39206133 <b>♂</b> DOI <b>♂</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	Oct 26, 2024 (1 wee k ago)
39257804 🗹	Structural and systems characterization of phosphorylation on metabolic enzymes identifies sex-sp	Tigist Y Tamir 15 more	0	0	0	0	bioRxiv	2,0 24	Oct 26, 2024 (1 wee

		Forest M White							k ago)
39300135 🗗 DOI 🗗	Gut symbiont-derived sphingosine modulates vector competence in Aedes mosquitoes.	Xiaomei Sun 12 more Zhen Zou	0	4.8 87	0	0	Nature Communications	2,0 24	Oct 26, 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	Oct 26, 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	Oct 26, 2024 (1 wee k ago)
38826219 🖸	Single-cell transcriptomics reveals stage- and side-specificity of gene	Sara Rahimine	0	0	0	0	Res Sq	2,0 24	Oct 26,

	modules in colorectal can	jad 2 more Shankar Subrama niam							2024 (1 wee k ago)
38844817 <b>2</b> DOI <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	3	3	Nature Cancer	2,0 24	Oct 26, 2024 (1 wee k ago)
38714664 <b>2</b>	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	Nov 1, 2024 (3 days ago)
38651675 <b>2</b> DOI <b>2</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	2	2	International Journal of Cancer	2,0 24	Oct 26, 2024 (1 wee k ago)

38544285 <b>乙</b> DOI <b>乙</b>	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	Oct 26, 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 more Yan Sun	0	0	0	0	Front Endocrinol (Lausanne)	2,0 23	Oct 26, 2024 (1 wee k ago)
39420002 <b>乙</b> DOI <b>乙</b>	Methionine-SAM metabolism- dependent ubiquinone synthesis is crucial for ROS accumulation in ferro	Chaoyi Xia 13 more Yang Wang	0	4.8 87	0	0	Nature Communications	2,0 24	Oct 26, 2024 (1 wee k 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	0	0	0	0	Res Sq	2,0 24	Oct 26, 2024 (1 wee

		Sushil Kumar							k 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	Oct 26, 2024 (1 wee k 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	3	3	Scientific Reports	2,0 24	Oct 26, 2024 (1 wee k ago)
38102827 <b>②</b> DOI <b>②</b>	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	Oct 26, 2024 (1 wee k ago)

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running exercise	es, microbial	en	Alejandra Vazquez- Medina6 more Nataliya Chorna	o Osito	1.0 65 <b>ries</b>	0	0			2,0 24	Oct 26, 2024 (1 wee k ago)
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	running exercised diversity, and try metabolism  Fatty acid metabolism metabolism  TRPV4 activity in scription	running exercises, microbial diversity, and tryptophan metabolism  Softwar Fatty acid metabolism promot TRPV4 activity in lung scription  Stars  Mitochondrial complex I prom	diversity, and tryptophan metabolism  Software report Fatty acid metabolism promotes TRPV4 activity in lung scription Stars Wate  Mitochondrial complex I promotes	Software reposition Stars  Sureshno diversity in lung  Sureshno diversity in lung  Medina 6  more  Nataliya  Chorna  Software reposition  Nataliya  Chorna  Software reposition  Software reposition  Software reposition  Software reposition  Software reposition  Software reposition  Nataliya  Chorna  Software reposition  Software reposition  Software reposition  Software reposition  Nataliya  Chorna  Software reposition  Software reposition  Nataliya  Chorna  Nataliya  Chorna  Nataliya  Chorna  Software reposition  Software reposition  Nataliya  Chorna  Nataliya  Nataliya  Nataliya  Chorna  Nataliya  Nat	Software reposition  Software reposition  Fatty acid metabolism promotes  Fatty activity in lung  Scription  Stars  Suresh o data  Mitochondrial complex I promotes  Medina6 0 more  Nataliya Chorna  Software reposition  Nataliya Chorna  Nataliya Chorna  Software reposition  Nataliya Chorna  Notation  Software reposition  Software reposition  Software reposition  Nataliya Chorna  Notation  Notation  O  Last Commit  Avg Issue  Avg PR  Languages	Software repositions of the sassociated with Fatty acid metabolism promotes TRPV4 activity in lung  Scription  Stars  Watchers  SureshNo data  Medina  1.0 6  0  65  more  Nataliya  Philip  TRPV4 activity in lung 20  1.3  Scription  Stars  Watchers  Forks  SureshNo data  Mitochondrial complex I promotes  Last Commit  Avg Issue  Avg PR  Languages  Lic 30  9  moreNo data	Software repositions Philip TRPV4 activity in lung  Stars  Watchendrial complex I promotes  SureshNo data  Medina  1.0 6  0  65  more  Nataliya  Repositories  Chorna  Software repositories  Software repositories  Software repositories  Software repositories  Software repositories  Chorna  Societed with this promotes Philip  TRPV4 activity in lung 20  0  1.3  SureshNo data  Mitochondrial complex I promotes  SureshNo data  Mitochondrial complex I promotes  SureshNo data	Software repositiones  Software repositiones  Fatty acid metabolism promotes  Forks  Forks  Issues  Sureshno data  Mitochondrial complex I promotes  Last Commit  Avg Issue  Avg PR  Languages  License  Real 30  9  moreNo data	Medina running exercises, microbial diversity, and tryptophan metabolism  Software repositories  Software repositories  Software repositories  Fatty acid metabolism promotes Philip America TRPV4 activity in lung America TRPV4 activity in lung America Sureshno data  Mitochondrial complex I promotes Last Commit Avg Issue Avg PR Languages License Readme  Medina 6 0 1.0 0 0 Frontie Microbi Mi	Medina Interplay between running exercises, microbial diversity, and tryptophan metabolism  Software repositories  Software repositories  Software repositories  Software repositories  Philip American Journal of TRPV4 activity in lung Interplay a Commits  Suresh o data  Mitochondrial complex L promotes  Last Commit Avg Issue  Avg PR Languages  License  Readme Contributing  Incomplex L promotes  Medina Interplay between I	Medina running exercises, microbial diversity, and tryptophan metabolism  Software repositiones  Software repositiones  Software repositiones  Philip American Journal of TRPV4 activity in lung Activity in lu

#### **Notes**

Repository	For storing, tracking changes to, and	collaborating on	a piece of softwar	e.	
PR	"Pull request", a draft change (new fe	eature, bug fix, etc DeBerard	c.) to a repo.		k
Closed/Open	Resolved/unresolved.	inis			ago)
Avg Issue/PR	Average time issues/pull requests st	ay open for befor	e being closed.		01
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	metabolic repr	Rugang			wee 

# Analytics

Traffic metrics of websites associated with this project.

### Notes

Active Users <u>Distinct users who visited the website</u> **?**.

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

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

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

### **Cumulative Publications**

Total: 37

