

L Core Project OT2OD030544

O Details

Projects	Name	Award	Publications	Repositories	Analytics
3OT2OD030544-01S4	Biomedical Data Commons	\$3,229,346.00	63 publications	0 repositories	0 properties
3OT2OD030544-01S2	Workbench (BDCW)				
1OT2OD030544-01					
3OT2OD030544-01S3					
3OT2OD030544-01S1					

Publications

Published works associated with this project.

ID	Title	Authors	R C R	SJ R	Cit ati ons	Cit. /ye ar	Journal	Pub lish ed	Upd ated
39143213 🗗 DOI 🗗	Mitochondrial complex l promotes kidney cancer metastasis.	Bezwada, Divya 36 more DeBerardi nis, Ralph J	9. 28 1	18. 28 8	39	39	Nature	202 4	Aug 31, 2025 (just now)
38844817 🖸 DOI 🗗	Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage cross-talk, promoting immunos	Scolaro, Tommaso 36 more Mazzone, Massimili ano	6. 41 8	0	26	26	Nat Cancer	202 4	Aug 31, 2025 (just now)
34862502 🗗 DOI 🗗	GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser.	Petras, Daniel33 more Wang, Mingxun	5. 59 7	0	49	16. 333	Nat Methods	202 2	Aug 31, 2025 (just now)

38636516 ♂ DOI ♂	Mannose controls mesoderm specification and symmetry breaking in mouse gastruloids.	Dingare, Chaitanya 3 more Steventon , Benjamin	3. 91 1	0	16	16	Dev Cell	202 4	Aug 31, 2025 (just now)
37798473 🗗 DOI 🗗	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate	Miller, Anne 7 more Yellen, Gary	3. 81 7	0	24	12	Nat Metab	202 3	Aug 31, 2025 (just now)
39420002 🗗	Methionine-SAM metabolism- dependent ubiquinone synthesis is crucial for ROS accumulation in ferro	Xia, Chaoyi 13 more Wang, Yang	3. 62	0	12	12	Nat Commun	202 4	Aug 31, 2025 (just now)
37349305 🗷	Defining diurnal fluctuations in mouse choroid plexus and CSF at high molecular, spatial, and tem	Fame, Ryann M 21 more Lehtinen, Maria K	3. 61 9	0	23	11. 5	Nat Commun	202 3	Aug 31, 2025 (just now)

		Karagiann							Aug
38165806 乙 DOI 乙	Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t	is, Dimitris 11 more Lu, Chao	3. 44 2	0	12	12	Cell Rep	202 4	31, 2025 (just now)
38286827 乙 DOI 乙	Loss of Pip4k2c confers liver- metastatic organotropism through insulin-dependent PI3K-AKT pathway	Rogava, Meri 43 more Izar, Benjamin	3. 05 4	0	12	12	Nat Cancer	202 4	Aug 31, 2025 (just now)
39305905 🗹 DOI 🖸	DRMY1 promotes robust morphogenesis in Arabidopsis by sustaining the translation of cytokinin-sig	Kong, Shuyao 10 more Roeder, Adrienne H K	2. 59 5	0	9	9	Dev Cell	202 4	Aug 31, 2025 (just now)
38172157 乙 DOI 乙	Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.	Norris, Adriana C 7 more Graham, Todd R	2. 21 5	0	7	7	Sci Rep	202 4	Aug 31, 2025 (just now)

37441265 🗹 DOI 🗹	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Morgan, Ethan W 12 more Perdew, Gary H	2. 08 6	0	13	6.5	Int J Tryptophan Res	202 3	Aug 31, 2025 (just now)
37452018 🗗 DOI 🗗	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Takata, Nozomu 16 more Oliver, Guillermo	2. 04 2	0	17	8.5	Nat Commun	202 3	Aug 31, 2025 (just now)
38714664 🗹 DOI 🗹	FGFR inhibition blocks NF-κB- dependent glucose metabolism and confers metabolic vulnerabilities i	Zhen, Yuanli 11 more Bardeesy, Nabeel	1. 99 3	0	7	7	Nat Commun	202 4	Aug 31, 2025 (just now)
34721400 🗗 DOI 🗗	Immune Response in Severe and Non-Severe Coronavirus Disease 2019 (COVID-19) Infection: A Mechani	Mukund, Kavitha 6 more Subrama niam, Shankar	1. 81	0	32	8	Front Immunol	202 1	Aug 31, 2025 (just now)

39535921 乙 DOI 乙	Cancer-associated fibroblasts maintain critical pancreatic cancer cell lipid homeostasis in the t	Han, Xu 13 more Simon, M Celeste	1. 78 1	0	7	7	Cell Rep	202 4	Aug 31, 2025 (just now)
39206133 ♂ DOI ♂	Phosphate availability conditions caspofungin tolerance, capsule attachment and titan cell format	Qu, Xianya 7 more Kronstad, James W	1. 71	0	5	5	Front Fungal Biol	202 4	Aug 31, 2025 (just now)
38813868 ☑ DOI ☑	Fetal growth delay caused by loss of non-canonical imprinting is resolved late in pregnancy and c	Oberin, Ruby 14 more Western, Patrick S	1. 54 9	0	6	6	Elife	202 4	Aug 31, 2025 (just now)
37815914 🗗	MYC is a regulator of androgen receptor inhibition-induced metabolic requirements in prostate can	Crowell, Preston D23 more Goldstein, Andrew S	1. 29 3	0	12	6	Cell Rep	202 3	Aug 31, 2025 (just now)

38161977 🗗 DOI 🗗	Gut microbiota and metabolites in estrus cycle and their changes in a menopausal transition rat m	Dai, Ruoxi 5 more Sun, Yan	1. 07	0	5	2.5	Front Endocrinol (Lausanne)	202 3	Aug 31, 2025 (just now)
38001239 ☑ DOI ☑	IL-1β-mediated adaptive reprogramming of endogenous human cardiac fibroblasts to cells with immun	Siamwala, Jamila H 11 more Gilbert, Richard J	0. 83	0	6	3	Commun Biol	202 3	Aug 31, 2025 (just now)
37515770 🗹 DOI 🗹	The stability of the myelinating oligodendrocyte transcriptome is regulated by the nuclear lamina.	Pruvost, Mathilde 16 more Casaccia, Patrizia	0. 78 3	0	7	3.5	Cell Rep	202 3	Aug 31, 2025 (just now)
37849634 ☑ DOI ☑	Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei	Patel, Ashay O2 more Subrama niam, Shankar	0. 47 6	0	3	1.5	J Alzheimers Dis Rep	202 3	Aug 31, 2025 (just now)

35448980 ♂ DOI ♂	Modular and mechanistic changes across stages of colorectal cancer.	Rahiminej ad, Sara 2 more Subrama niam, Shankar	0. 46 4	0	6	2	BMC Cancer	202 2	Aug 31, 2025 (just now)
37983749 ♂ DOI ♂	MetGENE: gene-centric metabolomics information retrieval tool.	Srinivasa n, Sumana 3 more Subrama niam, Shankar	0. 16 3	0	2	0.6 67	Gigascience	202 2	Aug 31, 2025 (just now)
37398141 ♂ DOI ♂	Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.	Norris, Adriana C 7 more Graham, Todd R	0. 15	0	1	0.5	bioRxiv	202 3	Aug 31, 2025 (just now)

38651675 ☑ DOI ☑	A nested case-control study of untargeted plasma metabolomics and lung cancer among neversmoking	Rahman, Mohamm ad L 12 more Lan, Qing	0	0	3	3	Int J Cancer	202 4	Aug 31, 2025 (just now)
38226418 🖸	Fatty acid metabolism promotes TRPV4 activity in lung microvascular endothelial cells in pulmonar	Philip, Nicolas 20 more Suresh, Karthik	0	0	2	2	Am J Physiol Lung Cell Mol Physiol	202 4	Aug 31, 2025 (just now)
38018851 🖸 DOI 🗗	Lipidomic Analysis Reveals Differences in the Extent of Remyelination in the Brain and Spinal Cord.	De Silva Mohotti, Nishama 5 more Hartley, Meredith D	0	0	2	2	J Proteome Res	202 4	Aug 31, 2025 (just now)
39985215 🗗 DOI 🗗	Stress exposure in the mdx mouse model of Duchenne muscular dystrophy provokes a widespread metab	Johnson, Erynn E Ervasti, James M	0	0	0	0	FEBS J	202 5	Aug 31, 2025 (just now)

39707873 🗗 DOI 🗗	Salivary Metabolomic Signatures in Pediatric Eosinophilic Esophagitis.	Hiremath, Girish 6 more Locke, Andrea	0	3.6 22	2	2	Allergy: European Journal of Allergy and Clinical Immunology	202 5	Aug 31, 2025 (just now)
39464135 🗹 DOI 🗹	Pyruvate dehydrogenase kinase 1 controls triacylglycerol hydrolysis in cardiomyocytes.	Atser, Michael G 12 more Johnson, James D	0	0	0	0	bioRxiv	202 5	Aug 31, 2025 (just now)
39307306 🗹 DOI 🖸	Integrated multi-omics unveil the impact of H-phosphinic analogs of glutamate and α-ketoglutarate	Giovanne rcole, Fabio 4 more De Biase, Daniela	0	0	1	1	J Biol Chem	202 4	Aug 31, 2025 (just now)
38975764 🗗 DOI 🗗	Taurine modulates host cell responses to Helicobacter pylori VacA toxin.	Westland, Mandy D 5 more Cover, Timothy L	0	0	2	2	Infect Immun	202 4	Aug 31, 2025 (just now)

40166866 ☑ DOI ☑	Severe Cognitive Decline in Long- term Care Is Related to Gut Microbiome Production of Metabolites	Shoubrid ge, Andrew P 17 more Rogers, Geraint B	0	0	0	0	J Gerontol A Biol Sci Med Sci	202 5	Aug 31, 2025 (just now)
40074083 🗹	Pyruvate dehydrogenase kinase 1 controls triacylglycerol hydrolysis in cardiomyocytes.	Atser, Michael G 12 more Johnson, James D	0	0	1	1	J Biol Chem	202 5	Aug 31, 2025 (just now)
40600951 🗗	Histidine decarboxylase inhibition attenuates cancer-associated muscle wasting.	Dasgupta, Aneesha 11 more Doles, Jason D	0	0	0	0	J Exp Med	202 5	Aug 31, 2025 (just now)
39328933 ☑ DOI ☑	Deletion of <i>Kcnj16</i> altered transcriptomic and metabolomic profiles of Dahl salt-sensitive	Xu, Biyang4 more Starusche nko, Alexander	0	1.3 63	1	1	iScience	202 4	Aug 31, 2025 (just now)

38937647 🗗 DOI 🗗	Metabolic abnormalities in the bone marrow cells of young offspring born to mothers with obesity.	Phillips, Elysse A 4 more Maloyan, Alina	0	0	3	3	Int J Obes (Lond)	202 4	Aug 31, 2025 (just now)
40751246 ☑ DOI ☑	Metabolomic profiling reveals interindividual metabolic variability and its association with card	Zhou, Meng 8 more Ma, Shizhan	0	0	0	0	Cardiovasc Diabetol	202 5	Aug 31, 2025 (just now)
38102827 ♂ DOI ♂	Modeling transcriptional regulation of the cell cycle using a novel cybernetic-inspired approach.	Raja, Rubesh 5 more Ramkrish na, Doraiswa mi	0	0	0	0	Biophys J	202 4	Aug 31, 2025 (just now)

39824876 🗗	Unveiling cellular changes in leukaemia cell lines after cannabidiol treatment through lipidomics.	Chamoso- Sanchez, David 6 more Pellati, Federica	0	0	0	0	Sci Rep	202 5	Aug 31, 2025 (just now)
40052831 🗗	Human adenovirus serotype 5 infection dysregulates cysteine, purine, and unsaturated fatty acid m	Sanchez, Bailey-J C 1 more Grasis, Juris A	0	0	1	1	FASEB J	202 5	Aug 31, 2025 (just now)
<u>38187579</u> ♂ DOI ♂	Matrix Linear Models for connecting metabolite composition to individual characteristics.	Farage, Gregory 5 more Sen, Śaunak	0	0	0	0	bioRxiv	202 3	Aug 31, 2025 (just now)
38313293 ☑ DOI ☑	Metabolic abnormalities in the bone marrow cells of young offspring born to obese mothers.	Alina, Maloyan 4 more Kumar, Sushil	0	0	0	0	Res Sq	202 4	Aug 31, 2025 (just now)

38544285 ☑ DOI ☑	Repeated exposure to eucalyptus wood smoke alters pulmonary gene and metabolic profiles in male L	Cochran, Samuel J11 more Gowdy, Kymberly M	0	0	1	1	Toxicol Sci	202 4	Aug 31, 2025 (just now)
38761133 ♂ DOI ♂	Differential impact of sex on regulation of skeletal muscle mitochondrial function and protein ho	Welch, Nicole14 more Dasarath y, Srinivasa n	0	0	3	3	J Physiol	202 4	Aug 31, 2025 (just now)
39395792 ♂ DOI ♂	Modeling enzyme competition in eicosanoid metabolism in macrophage cells using a cybernetic frame	Khanum, Sana 5 more Ramkrish na, Doraiswa mi	0	0	0	0	J Lipid Res	202 4	Aug 31, 2025 (just now)

39702518 ♂ DOI ♂	Proteomic and metabolomic analyses of the human adult myocardium reveal ventriclespecific regula	Hunter, Benjamin 11 more Lal, Sean	0	0	2	2	Commun Biol	202 4	Aug 31, 2025 (just now)
39300135 🗹 DOI 🖸	Gut symbiont-derived sphingosine modulates vector competence in Aedes mosquitoes.	Sun, Xiaomei 12 more Zou, Zhen	0	0	2	2	Nat Commun	202 4	Aug 31, 2025 (just now)
40308032 ♂ DOI ♂	Integrated Multiomics Analyses of the Molecular Landscape of Sarcopenia in Alcohol-Related Liver 	Welch, Nicole13 more Dasarath y, Srinivasa n	0	0	0	0	J Cachexia Sarcopenia Muscle	202 5	Aug 31, 2025 (just now)
40312501 🗗	Synaptic vesicle-omics in mice captures signatures of aging and synucleinopathy.	Gao, Virginia 14 more Burré, Jacquelin e	0	0	0	0	Nat Commun	202 5	Aug 31, 2025 (just now)

40369079 ♂ DOI ♂	Taurine from tu glycolysis to pro leukaemogenes	omote		Sharma, Sonali 21 more Bajaj, Jeevisha	0	18. 28 8	5	5	Natur	e	202 5	Aug 31, 2025 (just now)
37546759 🖸 DOI 🖸	Spatially resolve and isotope tra metabolic respo	cing reveିର୍ମିଷ୍ଫ	nics 참하(원)	Miller, Anne sitories ass more Yellen,			this ₍ pro	oje ą t.	Res Sc	l	202 3	Aug 31, 2025 (just
Name D	escription	Stars	Watc	hers	Forks		Issues		PRs	Commits	Con	trib.
38318337 ਿੱ	Exploring the ir running exercis		en	Vazquez Medina, Alejandra							202	Aug 31,
Name Tags	Last Commit	Avg Issue	Avg P	R Langu Chorna Nataliya		Licer	nse	Readr	ne Co	ntributing	Depend	now)
38826219 ☑ DOI ☑	Single-cell trans stage- and side modules in cold	-specificity of ફ		Rahimine ad, Sara 2 more Subrama niam, Shankar	0	0	0	0	Res Sc	1	202 4	Aug 31, 2025 (just now)

Notes

PR

Repository For storing, tracking changes to, and collaborating on a piece of software.

"Pull request", a draft change (new feature, bug fix, etc.) to a repo.

Analytics

Traffic metrics of websites associated with this project.

Notes

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

Built on Aug 31, 2025

Developed with support from NIH Award U54 OD036472

39979287 ♂ DOI ♂	Ketogenic diet suppresses colorectal cancer through the gut microbiome long chain fatty acid stea	Tsenkova, Mina 22 more Letellier, Elisabeth	0	0	7	7	Nat Commun	202 5	Aug 31, 2025 (just now)
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39754192 ♂ DOI ♂	Integrative multiomics reveals common endotypes across PSEN1, PSEN2, and APP mutations in familia	Valdes, Phoebe 9 more Subrama niam, Shankar	0	0	1	1	Alzheimers Res Ther	202 5	Aug 31, 2025 (just now)
40441152 🗗	Structural and systems characterization of phosphorylation on metabolic enzymes identifies sex-sp	Tamir, Tigist Y 15 more White, Forest M	0	0	0	0	Mol Cell	202 5	Aug 31, 2025 (just now)
40502162 🗗	OGDHL regulates nucleotide metabolism, tumor growth, and neuroendocrine marker expression in pros	Bernard, Matthew J 19 more Goldstein, Andrew S	0	0	0	0	bioRxiv	202 5	Aug 31, 2025 (just now)

Notes

RCR Relative Citation Ratio

SJR Scimago Journal Rank



