



Core Project OT2OD030544

Details

Projects	Name	Award	Publications	Software
3OT2OD030544-01S1	Biomedical Data	\$2,930,832.00	28	
1OT2OD030544-01	Commons Workbench			
3OT2OD030544-01S3	(BDCW)			
3OT2OD030544-01S2				

Publications

ID	Title	Authors	RCR	SJR	Citations	Cit./year	Journal	Published	Updated
34862502 DOI	GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser.	Daniel Petras ...33 more... Mingxun Wang	6.18	14.796	28	14	Nature Methods	2,022	Jun 30, 2024 (3 weeks 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	3.31	4.887	8	8	Nature Communications	2,023	Jun 30, 2024 (3 weeks ago)
37441265 DOI ↗	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan ...12 more... Gary H Perdew	2.64	1.004	6	6	International Journal of Tryptophan Research	2,023	Jun 30, 2024 (3 weeks ago)
37798473 DOI ↗	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate...	Anne Miller ...7 more... Gary Yellen	2.02	1.01	5	5	Applied Physiology, Nutrition and Metabolism	2,023	Jun 30, 2024 (3 weeks ago)
34721400 DOI ↗	Immune Response in Severe and Non-Severe Coronavirus Disease 2019	Kavitha Mukund ...6 more... Shankar Subramaniam	1.7	1.868	21	7	Frontiers in Immunology	2,021	Jun 30, 2024 (3 weeks ago)

(COVID-19)
Infection: A
Mechani...

[35448980](#) [DOI](#) [↗](#)

Modular and
mechanistic
changes across
stages of
colorectal
cancer.

Sara
Rahiminejad
...2 more...
Shankar
Subramaniam

0.19

1.087

2

1

BMC Cancer

2,022

Jun 30,
2024
(3 weeks
ago)

[37546759](#) [DOI](#) [↗](#)

Spatially
resolved
metabolomics
and isotope
tracing reveal
dynamic
metabolic
responses of
dentate...

Anne Miller
...7 more...
Gary Yellen

0

18.509

0

0

Nature

2,023

Jun 30,
2024
(3 weeks
ago)

[38001239](#) [DOI](#) [↗](#)

IL-1 β -mediated
adaptive
reprogramming
of endogenous
human cardiac
fibroblasts to
cells with
immun...

Jamila H
Siamwala
...11 more...
Richard J
Gilbert

0

0

1

1

-

2,023

Jun 30,
2024
(3 weeks
ago)

37815914 DOI ↗	<p>MYC is a regulator of androgen receptor inhibition-induced metabolic requirements in prostate can...</p>	<p>Preston D Crowell ...23 more... Andrew S Goldstein</p>	0	4.279	3	3	Cell Reports	2,023	<p>Jun 30, 2024 (3 weeks ago)</p>
38165806 DOI ↗	<p>Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t...</p>	<p>Dimitris Karagiannis ...11 more... Chao Lu</p>	0	4.279	0	0	Cell Reports	2,024	<p>Jun 30, 2024 (3 weeks ago)</p>
38714664 DOI ↗	<p>FGFR inhibition blocks NF-κB-dependent glucose metabolism and confers metabolic vulnerabilities i...</p>	<p>Yuanli Zhen ...11 more... Nabeel Bardeesy</p>	0	4.887	0	0	Nature Communications	2,024	<p>Jun 30, 2024 (3 weeks ago)</p>
38926365 DOI ↗	<p>METTL3-mediated chromatin contacts promote stress</p>	<p>Chen Wang ...17 more... Rugang Zhang</p>	0	4.887	0	0	Nature Communications	2,024	<p>Jul 17, 2024 (1 week ago)</p>

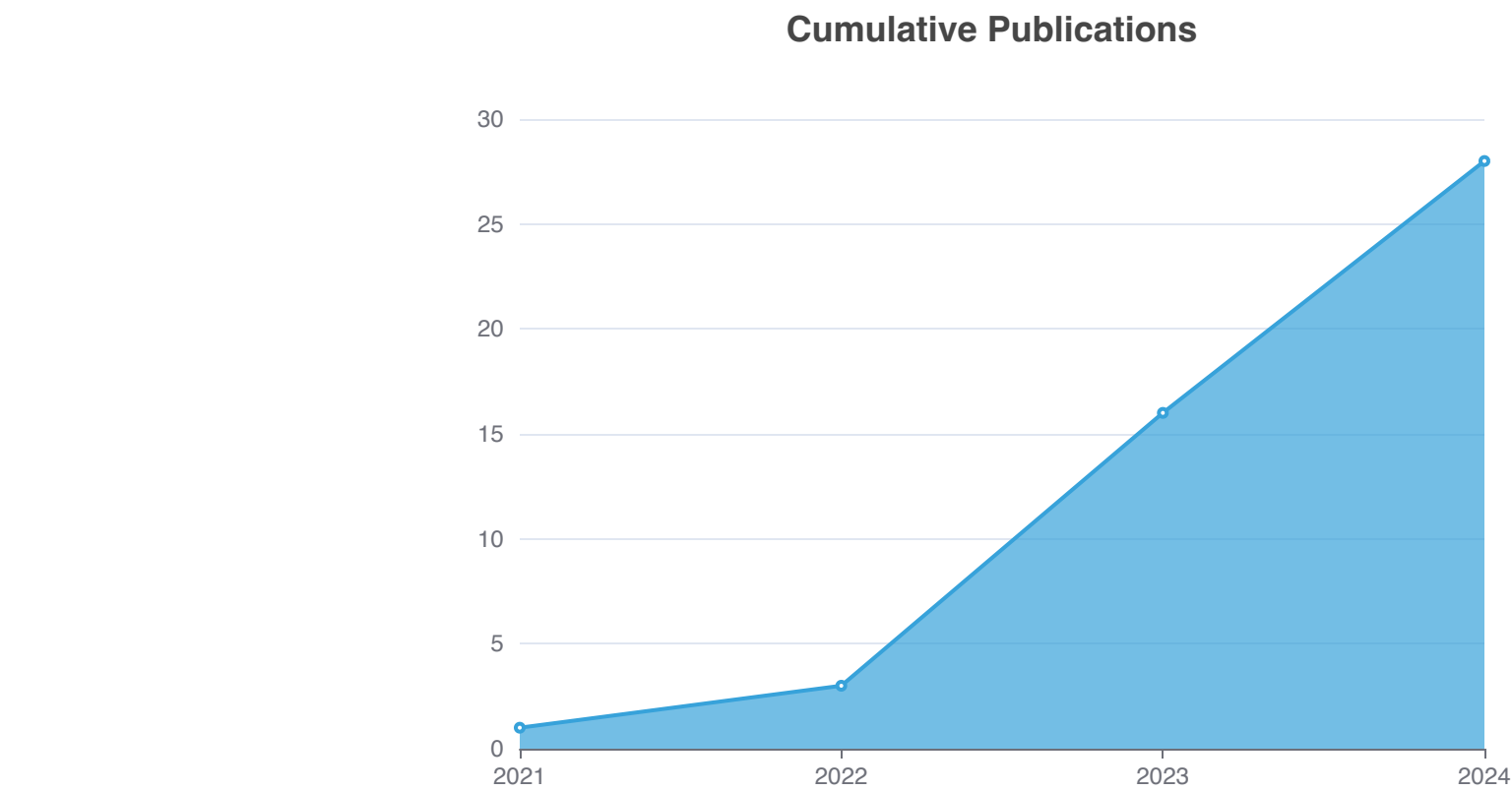
	granule phase separation through metabolic repr...									
38187579 DOI ↗	Matrix Linear Models for connecting metabolite composition to individual characteristics.	Gregory Farage ...5 more... Śaunak Sen	0	0	0	0	-		2,023	Jun 30, 2024 (3 weeks ago)
37849634 DOI ↗	Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei...	Ashay O Patel ...2 more... Shankar Subramaniam	0	0	0	0	-		2,023	Jun 30, 2024 (3 weeks ago)
38018851 DOI ↗	Lipidomic Analysis Reveals Differences in the Extent of Remyelination in the Brain and Spinal Cord.	Nishama De Silva Mohotti ...5 more... Meredith D Hartley	0	1.299	0	0	Journal of Proteome Research		2,023	Jun 30, 2024 (3 weeks ago)

37515770 DOI ↗	<p>The stability of the myelinating oligodendrocyte transcriptome is regulated by the nuclear lamina.</p>	<p>Mathilde Pruvost ...16 more... Patrizia Casaccia</p>	0	4.279	4	4	Cell Reports	2,023	<p>Jul 12, 2024 (2 weeks ago)</p>
38544285 DOI ↗	<p>Repeated exposure to eucalyptus wood smoke alters pulmonary gene and metabolic profiles in male L...</p>	<p>Samuel J Cochran ...11 more... Kymberly M Gowdy</p>	0	0.911	0	0	Toxicological Sciences	2,024	<p>Jun 30, 2024 (3 weeks ago)</p>
38813868 DOI ↗	<p>Fetal growth delay caused by loss of non-canonical imprinting is resolved late in pregnancy and c...</p>	<p>Ruby Oberin ...14 more... Patrick S Western</p>	0	3.932	1	1	eLife	2,024	<p>Jun 30, 2024 (3 weeks ago)</p>
38102827 DOI ↗	<p>Modeling transcriptional regulation of the cell cycle using a novel cybernetic-inspired approach.</p>	<p>Rubesh Raja ...5 more... Doraiswami Ramkrishna</p>	0	1.188	0	0	Biophysical Journal	2,024	<p>Jun 30, 2024 (3 weeks ago)</p>

38172157 DOI ↗	<p>Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.</p>	<p>Adriana C Norris ...7 more... Todd R Graham</p>	0	0.9	1	1	Scientific Reports	2,024	Jun 30, 2024 (3 weeks ago)
38313293 DOI ↗	<p>Metabolic abnormalities in the bone marrow cells of young offspring born to obese mothers.</p>	<p>Maloyan Alina ...4 more... Sushil Kumar</p>	0	18.509	0	0	Nature	2,024	Jul 9, 2024 (2 weeks ago)
38651675 DOI ↗	<p>A nested case-control study of untargeted plasma metabolomics and lung cancer among never-smoking...</p>	<p>Mohammad L Rahman ...12 more... Qing Lan</p>	0	2.131	0	0	International Journal of Cancer	2,024	Jun 30, 2024 (3 weeks ago)
38826219 DOI ↗	<p>Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can...</p>	<p>Sara Rahiminejad ...2 more... Shankar Subramaniam</p>	0	18.509	0	0	Nature	2,024	Jun 30, 2024 (3 weeks ago)

38161977 DOI ↗	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	-		2,023	Jun 30, 2024 (3 weeks ago)
37452018 DOI ↗	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata ...16 more... Guillermo Oliver	0	4.887	0	0		Nature Communications	2,023	Jun 30, 2024 (3 weeks ago)
38286827 DOI ↗	Loss of Pip4k2c confers liver-metastatic organotropism through insulin-dependent PI3K-AKT pathway...	Meri Rogava ...43 more... Benjamin Izar	0	26.837	4	4		Nature Reviews Cancer	2,024	Jun 30, 2024 (3 weeks ago)
38318337 DOI ↗	Exploring the interplay between running exercises, microbial diversity, and	Alejandra Vazquez-Medina ...6 more... Nataliya Chorna	0	1.065	0	0		Frontiers in Microbiology	2,024	Jun 30, 2024 (3 weeks ago)

tryptophan metabolism...									
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	0	0	-	2,023	Jun 30, 2024 (3 weeks ago)



Repositories

Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.
No data								

Name	Updated	Issue Open	PR Open	Language	License	Readme	Contributing	Dependencies
No data								

PR	Issue/PR Open		
Pull (change) request	Average time issues/pull requests stay open for before being closed		