



(Core Project OT2OD030544)

Overview

High-level info about this project.

Projects	Name	Award	Publications	Repositories	Analytics
3OT2OD030544-01S2	Biomedical Data Commons	\$3.2M	88 publications	0 repositories	0 properties
3OT2OD030544-01S4	Workbench (BDCW)				
1OT2OD030544-01					
3OT2OD030544-01S3					
3OT2OD030544-01S1					

Publications

Published works associated with this project.

ID	Title	Authors	RC R	SJR	Cita tions	Cit./ year	Journal	Publ ished	Upda ted
40670786 	Imidazole propionate is a driver and therapeutic target in atherosclerosis.	Mastrangel o, Annalaura ...37 more... Sancho, David	9.4 5	18. 28 8	19	19	Nature	2025	Feb 1, 2026
39979287 	Ketogenic diet suppresses colorectal cancer through the gut microbiome long chain fatty acid stea...	Tsenkova, Mina ...22 more... Letellier, Elisabeth	9.3 89	4.7 61	19	19	Nature communications	2025	Feb 1, 2026
39143213 	Mitochondrial complex I promotes kidney cancer metastasis.	Bezwada, Divya ...36 more... DeBerardin is, Ralph J	9.1 04	18. 28 8	65	32.5	Nature	2024	Feb 1, 2026

40369079	Taurine from tumour niche drives glycolysis to promote leukaemogenesis.	Sharma, Sonali ...21 more... Bajaj, Jeevisha	6.4 34 8	18. 28 13 13	Nature	2025	Feb 1, 2026	
38844817	Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage cross-talk, promoting immunos...	Scolaro, Tommaso ...36 more... Mazzone, Massimilia no	5.7 71	11. 94 1	40 20	Nature cancer	2024	Feb 1, 2026
34862502	GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser.	Petras, Daniel ...33 more... Wang, Mingxun	5.6 6	17. 25 1	58 14.5	Nature methods	2022	Feb 1, 2026
39420002	Methionine-SAM metabolism-dependent ubiquinone synthesis is crucial for ROS accumulation in ferro...	Xia, Chaoyi ...13 more... Wang, Yang	4.4 84	4.7 61	22 11	Nature communications	2024	Feb 1, 2026
37798473	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate...	Miller, Anne ...7 more...	4.2 96	7.5 29	34 33	Nature metabolism	2023	Feb 1, 2026

Yellen,
Gary

Dingare,
Chaitanya
...3 more...
Steventon,
Benjamin

Karagianni
s, Dimitris
...11
more...
Lu, Chao

[38636516](#) ↗
[DOI](#) ↗

Mannose controls mesoderm specification
and symmetry breaking in mouse gastruloids.

3.6
21

5.1
8

23
11.5

Developme
ntal cell

2024
Feb
1,
2026

[38165806](#) ↗
[DOI](#) ↗

Metabolic reprogramming by histone
deacetylase inhibition preferentially targets
NRF2-activated t...

3.4
14

3.7
96

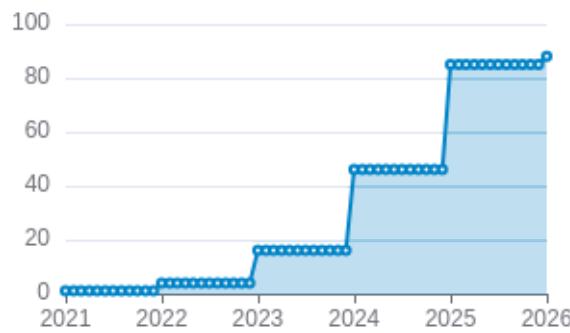
17
8.5

Cell reports

2024
Feb
1,
2026

Publications (cumulative)

Total: 88



Notes

</> Repositories

Software repositories associated with this project.

Name	Description	Last Commit	S	F	W	C	Issues	PRs	I	P	R	n	o	L	C	L	
			t	o	a	o			s	R	e	r	d	i	c	o	n
TensorFlow	A library for numerical computation using data flow graphs.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Keras	A high-level neural network API.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
PyTorch	A deep learning framework.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorRT	A performance-optimized runtime for Tensorflow and PyTorch models.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow.js	A JavaScript library for running TensorFlow models in the browser.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow Lite	A library for running TensorFlow models on mobile and embedded devices.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow Model Optimizer	A tool for optimizing TensorFlow models for production deployment.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow Serving	A system for serving machine learning models at scale.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow Python API	The primary Python API for TensorFlow.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow C++ API	The C++ API for TensorFlow.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow Java API	The Java API for TensorFlow.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow Go API	The Go API for TensorFlow.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow Ruby API	The Ruby API for TensorFlow.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow Node.js API	The Node.js API for TensorFlow.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow C API	The C API for TensorFlow.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow Python API	The primary Python API for TensorFlow.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow C++ API	The C++ API for TensorFlow.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow Java API	The Java API for TensorFlow.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow Go API	The Go API for TensorFlow.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow Ruby API	The Ruby API for TensorFlow.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow Node.js API	The Node.js API for TensorFlow.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TensorFlow C API	The C API for TensorFlow.	2023-05-15 12:30:00 UTC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
No data																	

Notes

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

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

Closed/Open Resolved/unresolved.

Issue/PR Avg Average time issues/pull requests stay open for before being closed.

Only the main/default branch is considered for metrics like # of commits.

of dependencies is totaled from all manifests in repo, direct and transitive, e.g. package.json + package-lock.json.



Website metrics associated with this project.

Notes

Active Users [Distinct users who visited the website ↗](#).

New Users [Users who visited the website for the first time ↗](#).

Engaged Sessions [Visits that had significant interaction ↗](#).

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