



(Core Project R03OD034496)

Overview

High-level info about this project.

Projects	Name	Award	Publications	Repositories	Analytics
1R03OD034496-01	Uncovering therapeutic-associated biomarkers via machine learning and feature engineering approaches	\$318K	12 publications	0 repositories	0 properties

Publications

Published works associated with this project.

ID	Title	Authors	RC R	SJR	Cita tion s	Cit./ yea r	Journal	Publ ishe d	Upda ted
37267954 	Senescent alveolar macrophages promote early-stage lung tumorigenesis.	Prieto, Luis I ...7 more... Baker, Darren J	12. 49 7	19. 027	131	65.5	Cancer cell	202 3	Dec 28, 2025
38398213 	The Rise of Hypothesis-Driven Artificial Intelligence in Oncology.	Xianyu, Zilin ...4 more... Li, Hu	3.3 44	145 .00 4	12	12	Cancers	202 4	Dec 28, 2025
38882600 	Glycogen synthase kinase 3 activity enhances liver inflammation in MASH.	Khoury, Mireille ...18 more... Ibrahim, Samar H	2.6 32	3.5 25	13	13	JHEP reports : innovation in hepatology	202 4	Dec 28, 2025
37657444 	Single-nucleus multiomic mapping of m[6]A methylomes and transcriptomes in native populations of ...	Hamashi ma, Kiyofumi	1.9 73	9.0 51	25	12.5	Molecular cell	202 3	Dec 28, 2025

37967790	Multiorgan locked-state model of chronic diseases and systems pharmacology opportunities.	...8 more... Loh, Yuin-Han	Ung, Choong Yong ...4 more... Zhu, Shizhen	0.7 15 42	1.7 42	4	4	Drug discovery today	2024	Dec 28, 2025	
34876496	De novo individualized disease modules reveal the synthetic penetrance of genes and inform person...	Weiskittel , Taylor M ...3 more... Li, Hu	0.3 96 09	3.9 09	5	1.66 7	Genome research	2022	Dec 28, 2025		
34600126	Manifold medicine: A schema that expands treatment dimensionality.	Ung, Choong Yong ...3 more... Li, Hu	0.2 52 42	1.7 42	5	1.66 7	Drug discovery today	2022	Dec 28, 2025		
37371475	SPIN-AI: A Deep Learning Model That Identifies Spatially Predictive Genes.	Meng-Lin, Kevin ...9 more... Li, Hu	0.2 33 33	1.3 33	3	1.5	Biomolecules	2023	Dec 28, 2025		

[37242535](#)

Network Biology-Inspired Machine Learning Features Predict Cancer Gene Targets and Reveal Target ...

Weiskittel

, Taylor M

...9

more...

Li, Hu

0.2
28

1.0
19

2

1

Pharmaceuticals
(Basel,
Switzerland)

202
3

Dec
28,
2025

[39149248](#)

Deciphering tumour microenvironment and elucidating the origin of cancer cells in ovarian clear c...

Kamaraj,

Uma S

...14

more...

Loh, Yuin-
Han

0

0

0

0

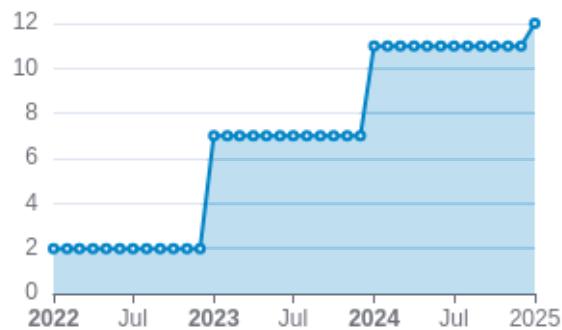
bioRxiv : the
preprint server
for biology

202
4

Dec
28,
2025

Publications (cumulative)

Total: 12



Notes

RCR [Relative Citation Ratio](#)

SJR [Scimago Journal Rank](#)

</> Repositories

Software repositories associated with this project.

N
a
m
e

Description

T	S	F	W	C	I	P	R	L	C	O	C	n	o	L	C	a
a	t	o	a	o	s	s	r	d	t	o	c	i	o	L	o	ng
g	a	r	tc	m	u	R	a	b	e	i	c	d	f	o	n	tr
s	r	k	h	m	e	A	v	m	g	m	c	u	b	n	i	ra
s	s	s	e	it	s	A	v	u	e	t	s	g	o	e	b	g
			rs	s			g	g	g	g	g	g	g	g	g	g

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.

Analytics

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.