



## (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
<a href="#">37267954</a> 	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
<a href="#">38398213</a> 	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
<a href="#">38882600</a> 	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
<a href="#">37657444</a> 	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

<a href="#">37967790</a>	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		
<a href="#">34876496</a>	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			
<a href="#">34600126</a>	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			
<a href="#">37371475</a>	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

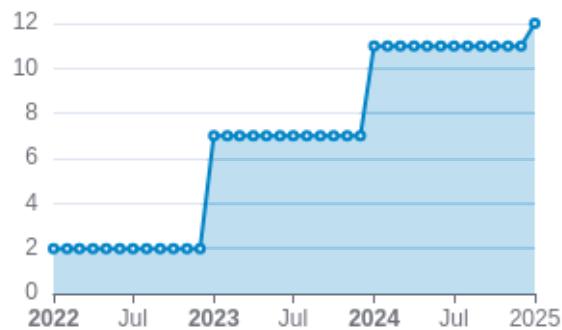
bioRxiv : the  
preprint server  
for biology

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	n	o	o	L	o	ng
g	g	g	tc	m	R	R	e	i	r	c	n	n	o	c	n	tr
s	s	s	h	m	A	A	d	b	f	e	n	n	o	c	s	ra
			r	m	v	m	v	m	u	t	o	o	u	u	s	ge
			k	it	g	g	g	g	g	o	e	e	o	o	e	ag
			s	s	rs	rs	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.