



(Core Project U24OD036598)

Overview

High-level info about this project.

Projects	Name	Award	Publications	Repositories	Analytics
4U24OD036598-08	Molecular Transducers of Physical Activity (MoTrPAC)	\$7.9M	14 publications	0 repositories	0 properties
3U24OD036598-08S1					
9U24OD036598-07					
3U24OD036598-07S1					
3U24OD036598-07S2					

Publications

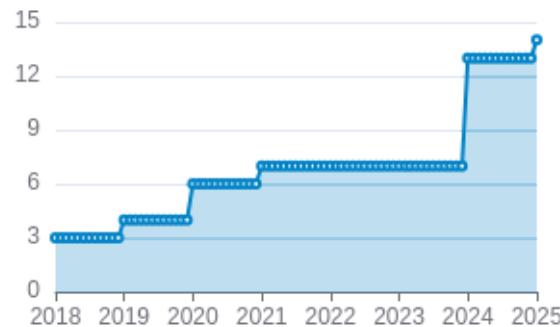
Published works associated with this project.

ID	Title	Authors	RC R	SJ R	Cit. ati ons	Cit. /ye ar	Journal	Pub lish ed	Upd ated
38693412 	Temporal dynamics of the multi-omic response to endurance exercise training.	MoTrPAC Study Group ...1 more...	33. 67	18. 28	133	133	Nature	202 4	Dec 1, 202 5
38701776 	The mitochondrial multi-omic response to exercise training across rat tissues.	Amar, David ...28 more...	12. 68	11. 98	50	50	Cell metabolism	202 4	Dec 1, 202 5
32589957 	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to...	Sanford, James A ...14 more...	11. 56	22. 61	211	42. 2	Cell	202 0	Dec 1, 202 5
38693320 	Sexual dimorphism and the multi-omic response to exercise training in rat subcutaneous white adip...	Many, Gina M ...25 more...	8.5 34	7.5 29	35	35	Nature metabolism	202 4	Dec 1, 202 5

38697122	Molecular adaptations in response to exercise training are associated with tissue-specific transcri...	Nair, Venugopalan D ...22 more... MoTrPAC Study Group	6.3 52	6.2 38	27	27	Cell genomics	2024	Dec 1, 2025	
38984994	Physiological Adaptations to Progressive Endurance Exercise Training in Adult and Aged Rats: Insights...	Schenk, Simon ...16 more... MoTrPAC Study Group	6.0 26	0.8 77	21	21	Function (Oxford, England)	2024	Dec 1, 2025	
34587765	Phenotypic Expression, Natural History, and Risk Stratification of Cardiomyopathy Caused by Filam...	Gigli, Marta ...34 more... Mestroni, Luisa	5.6 39	8.6 68	83	20. 75	Circulation	2021	Dec 1, 2025	
29601582	Cardiovascular disease: The rise of the genetic risk score.	Knowles, Joshua W Ashley, Euan A	3.9 76	4.2 79	114	16. 286	PLoS medicine	2018	Dec 1, 2025	
38634503	Molecular Transducers of Physical Activity Consortium (MoTrPAC): human studies design and protocol.	MoTrPAC Study Group ...92 more... Willis, Leslie	2.5 12	1.0 78	7	7	Journal of applied physiology (Bethesda, Md. : 1985)	2024	Dec 1, 2025	
30062216	Cardiovascular Precision Medicine in the Genomics Era.	Dainis, Alexandra M Ashley, Euan A	2.3 62	2.4 96	63	9	JACC. Basic to translational science	2018	Dec 1, 2025	

Publications (cumulative)

Total: 14



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	t	d	i	c	n	o	L	o	ng
g	a	r	tc	m	u	A	a	e	r	i	o	t	o	L	o	ng
s	r	k	h	m	e	d	b	f	n	e	r	u	C	s	r	a
	s	s	e	it	A	v	m	u	C	s	r	u	C	s	r	a
			rs	s	g	g	e	t	o	e	b	g	i	n	.	s
					g	g	g	g	g	g	g	g	g	g	g	g

Built on Dec 11, 2025

Developed with support from NIH Award [U54 OD036472](#)

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 .

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.