



## (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
<a href="#">38693412</a> 	Temporal dynamics of the multi-omic response to endurance exercise training.	MoTrPAC Study Group ...1 more...	33.01	18.28	149	74.5	Nature	2024	Feb 1, 2026
<a href="#">32589957</a>	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to...	Sanford, James A ...14 more... Molecular Transducers of Physical Activity Consortium	11.582	22.612	218	36.333	Cell	2020	Feb 1, 2026
<a href="#">38701776</a> 	The mitochondrial multi-omic response to exercise training across rat tissues.	Amar, David ...28 more... MoTrPAC Study Group	11.523	11.989	53	26.5	Cell metabolism	2024	Feb 1, 2026
<a href="#">38693320</a> 	Sexual dimorphism and the multi-omic response to exercise training in rat subcutaneous white adip...	Many, Gina M ...25 more... MoTrPAC Study Group	7.365	7.529	35	17.5	Nature metabolism	2024	Feb 1, 2026

			Nair, Venugopalan								
<a href="#">38697122</a>	Molecular adaptations in response to exercise training are associated with tissue-specific transcri...	D ...22 more... MoTrPAC Study Group	5.9 22	6.2 38	29	14. 5	Cell genomics	202 4	Feb 1, 202 6		
<a href="#">34587765</a>	Phenotypic Expression, Natural History, and Risk Stratification of Cardiomyopathy Caused by Filam...	Gigli, Marta ...34 more... Mestroni, Luisa	5.7 01	8.6 68	87	17. 4	Circulation	202 1	Feb 1, 202 6		
<a href="#">38984994</a>	Physiological Adaptations to Progressive Endurance Exercise Training in Adult and Aged Rats: Insi...	Schenk, Simon ...16 more... MoTrPAC Study Group	5.4 45	0.8 77	22	11	Function (Oxford, England)	202 4	Feb 1, 202 6		
<a href="#">29601582</a>	Cardiovascular disease: The rise of the genetic risk score.	Knowles, Joshua W Ashley, Euan A	3.9 35	4.2 79	115	14. 375	PLoS medicine	201 8	Feb 1, 202 6		
<a href="#">38634503</a>	Molecular Transducers of Physical Activity Consortium (MoTrPAC): human studies design and protocol.	MoTrPAC Study Group ...92 more... Willis, Leslie	2.4 7	1.0 78	8	4	Journal of applied physiology (Bethesda, Md. : 1985)	202 4	Feb 1, 202 6		
<a href="#">29691392</a>	Medical relevance of protein-truncating variants across 337,205 individuals in the UK Biobank study.	DeBoever, Christopher ...9 more... Rivas, Manuel A	2.3 78	4.7 61	85	10. 625	Nature communications	201 8	Feb 1, 202 6		

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

Built on Feb 10, 2026

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.