



## (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

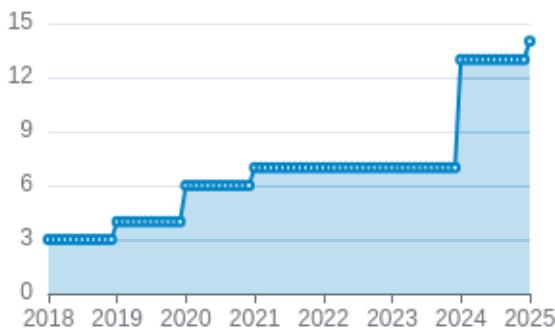
Published works associated with this project.

ID	Title	Authors	RC R	SJ R	Cit. ati ons	Cit. /ye ar	Journal	Pub lished	Upd ated
<a href="#">38693412</a> 	Temporal dynamics of the multi-omic response to endurance exercise training.	MoTrPAC Study Group ...1 more... MoTrPAC Study Group	33. 58 7	18. 28 8			Nature	2024	Dec 28, 2025
<a href="#">38701776</a> 	The mitochondrial multi-omic response to exercise training across rat tissues.	Amar, David ...28 more... MoTrPAC Study Group	11. 91 5	11. 98 9	51	51	Cell metabolism	2024	Dec 28, 2025
<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. 66 3	22. 61 2	216	43. 2	Cell	2020	Dec 28, 2025
<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	7.9 22	7.5 29	35	35	Nature metabolism	2024	Dec 28, 2025

			Nair, Venugopalan	D	6.1 25	6.2 38	28	28	Cell genomics	202 4	Dec 28, 2025
<a href="#">38697122</a>	Molecular adaptations in response to exercise training are associated with tissue-specific transcri...			...22 more... MoTrPAC Study Group							
<a href="#">34587765</a>	Phenotypic Expression, Natural History, and Risk Stratification of Cardiomyopathy Caused by Filam...	Gigli, Marta ...34 more... Mestroni, Luisa		5.6 73	8.6 68	85	21. 25		Circulation	202 1	Dec 28, 2025
<a href="#">38984994</a>	Physiological Adaptations to Progressive Endurance Exercise Training in Adult and Aged Rats: Insi...	Schenk, Simon ...16 more... MoTrPAC Study Group		5.5 95	0.8 77	21	21		Function (Oxford, England)	202 4	Dec 28, 2025
<a href="#">29601582</a>	Cardiovascular disease: The rise of the genetic risk score.	Knowles, Joshua W Ashley, Euan A		3.9 45	4.2 79	114	16. 286		PLoS medicine	201 8	Dec 28, 2025
<a href="#">38634503</a>	Molecular Transducers of Physical Activity Consortium (MoTrPAC): human studies design and protocol.	MoTrPAC Study Group ...92 more... Willis, Leslie		2.6 56	1.0 78	8	8		Journal of applied physiology (Bethesda, Md. : 1985)	202 4	Dec 28, 2025
<a href="#">30062216</a>	Cardiovascular Precision Medicine in the Genomics Era.	Dainis, Alexandra M Ashley, Euan A		2.3 96	2.4 96	64	9.1 43		JACC. Basic to translational science	201 8	Dec 28, 2025

### Publications (cumulative)

Total: 14



## Notes

RCR [Relative Citation Ratio ↗](#)

SJR [Scimago Journal Rank ↗](#)

## </> Repositories

Software repositories associated with this project.

Built on Jan 25, 2026

Developed with support from NIH Award U54 OD036472

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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.

## 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.