



(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

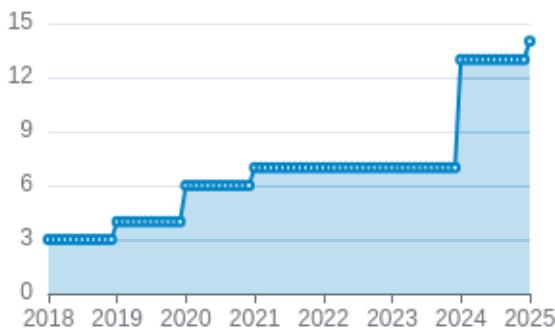
Published works associated with this project.

ID	Title	Authors	RC R	SJ R	Cit. ati ons	Cit. /ye ar	Journal	Pub lished	Upd ated
38693412 	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
38701776 	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
32589957 	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
38693320 	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
38697122	Molecular adaptations in response to exercise training are associated with tissue-specific transcri...			...22 more... MoTrPAC Study Group							
34587765	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
38984994	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
29601582	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
38634503	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
30062216	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 24, 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.