



Core Project U24OD036598



Overview

High-level info about this project.

Projects

4U24OD036598-08
3U24OD036598-08S1
9U24OD036598-07
3U24OD036598-07S1
3U24OD036598-07S2

Name

Molecular Transducers of Physical
Activity (MoTrPAC)

Award

\$7,867,462.00

Publications

14 publications

Repositories







0 repositories









Analytics











0 properties

Publications

Published works associated with this project.

ID	Title	Authors	RC R	SJR	Cita tions	Cit. /ye ar	Journal	Pub lish ed	Upda ted
38693412  DOI 	Temporal dynamics of the multi-omic response to endurance exercise training.	MoTrPAC Study Group ...1 more... MoTrPAC Study Group	33. 67 9	18. 28 8	133	133	Nature	2024	Dec 10, 2025 (just now)
38701776  DOI 	The mitochondrial multi-omic response to exercise training across rat tissues.	Amar, David ...28 more... MoTrPAC Study Group	12. 68 2	0	50	50	Cell Metab	2024	Dec 10, 2025 (just now)
32589957  DOI 	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to...	Sanford, James A ...14 more... Molecular Transducers of Physical Activity Consortium	11. 56 2	22. 61 2	211	42. 2	Cell	2020	Dec 10, 2025 (just now)

38693320  DOI 	Sexual dimorphism and the multi-omic response to exercise training in rat subcutaneous white adip...	Many, Gina M ...25 more... MoTrPAC Study Group	8.5 34	0	35	35	Nat Metab	2024	Dec 10, 2025 (just now)
38697122  DOI 	Molecular adaptations in response to exercise training are associated with tissue-specific transc...	Nair, Venugopalan D ...22 more... MoTrPAC Study Group	6.3 52	0	27	27	Cell Genom	2024	Dec 10, 2025 (just now)
38984994  DOI 	Physiological Adaptations to Progressive Endurance Exercise Training in Adult and Aged Rats: Insi...	Schenk, Simon ...16 more... MoTrPAC Study Group	6.0 26	0	21	21	Function (Oxf)	2024	Dec 10, 2025 (just now)
34587765  DOI 	Phenotypic Expression, Natural History, and Risk Stratification of Cardiomyopathy Caused by Filam...	Gigli, Marta ...34 more... Mestroni, Luisa	5.6 39	0	83	20.75	Circulati on	2021	Dec 10, 2025 (just now)
29601582  DOI 	Cardiovascular disease: The rise of the genetic risk score.	Knowles, Joshua W Ashley, Euan A	3.9 76	0	114	16.286	PLoS Med	2018	Dec 10, 2025 (just now)

38634503  DOI 	Molecular Transducers of Physical Activity Consortium (MoTrPAC): human studies design and protocol.	MoTrPAC Study Group ...92 more... Willis, Leslie	2.5 12	0	7	7	J Appl Physiol (1985)	2024	Dec 10, 2025 (just now)
30062216  DOI 	Cardiovascular Precision Medicine in the Genomics Era.	Dainis, Alexandra M Ashley, Euan A	2.3 62	0	63	9	JACC Basic Transl Sci	2018	Dec 10, 2025 (just now)
29691392  DOI 	Medical relevance of protein-truncating variants across 337,205 individuals in the UK Biobank study.	DeBoever, Christopher ...9 more... Rivas, Manuel A	2.3	0	81	11.571	Nat Commun	2018	Dec 10, 2025 (just now)
32567507  DOI 	Silencing of <i>MYH7</i> ameliorates disease phenotypes in human iPSC-cardiomyocytes.	Dainis, Alexandra ...11 more... Ashley, Euan	1.9 73	0	41	8.2	Physiol Genomics	2020	Dec 10, 2025 (just now)
31112421  DOI 	Targeted Long-Read RNA Sequencing Demonstrates Transcriptional Diversity Driven by Splice-Site Va...	Dainis, Alexandra ...4 more... Ashley, Euan	0.4 2	0	14	2.333	Circ Genom Precis Med	2019	Dec 10, 2025 (just now)

[39920727](#) [DOI](#)

Researcher views on returning
results from multi-omics data to
research participants: insights fr...

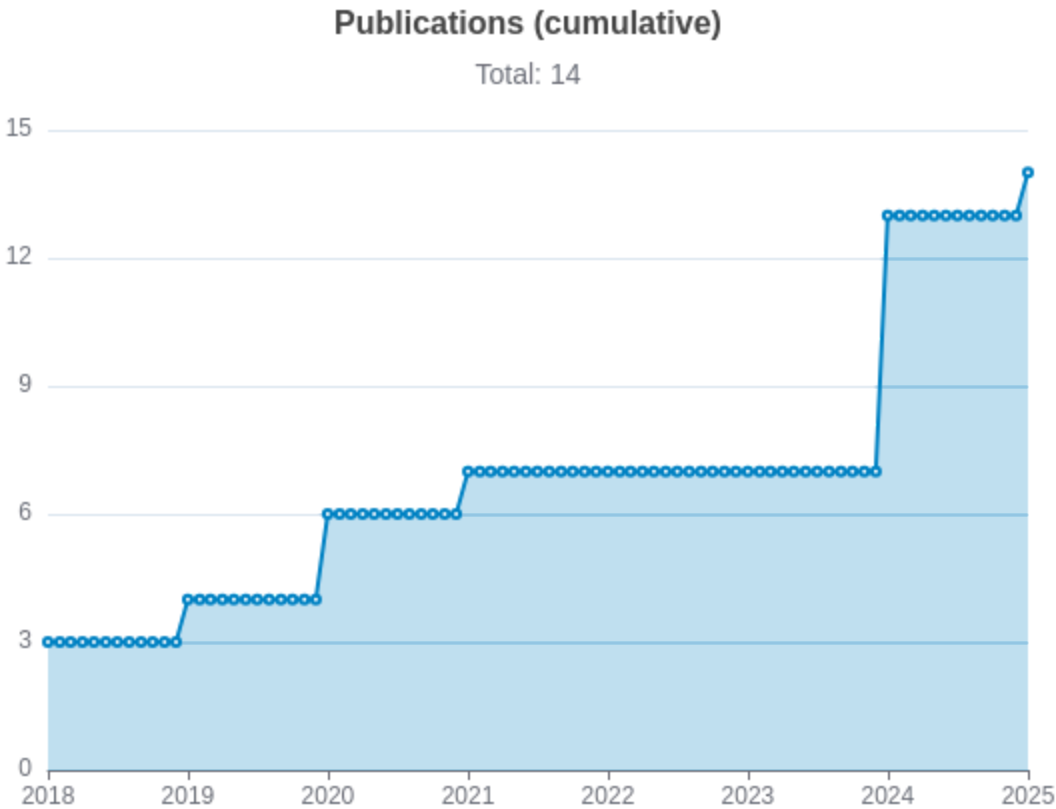
Ormond, Kelly E
...5 more...
Wheeler, Matthew
T

0 0 0 0

BMC
Med
Ethics

2025

Dec
10,
2025
(just
now)



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Repositories

Software repositories associated with this project.

Name	Description	Tags	Last Commit	Stars	Forks	Watchers	Commits	Issues	PRs
No data									

Name	Issue Avg	PR Avg	Readme	Contributing	Code of Con.	License	Contrib.	Languages	Dependencies
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.

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.