



Core Project U24OD036598



Details

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










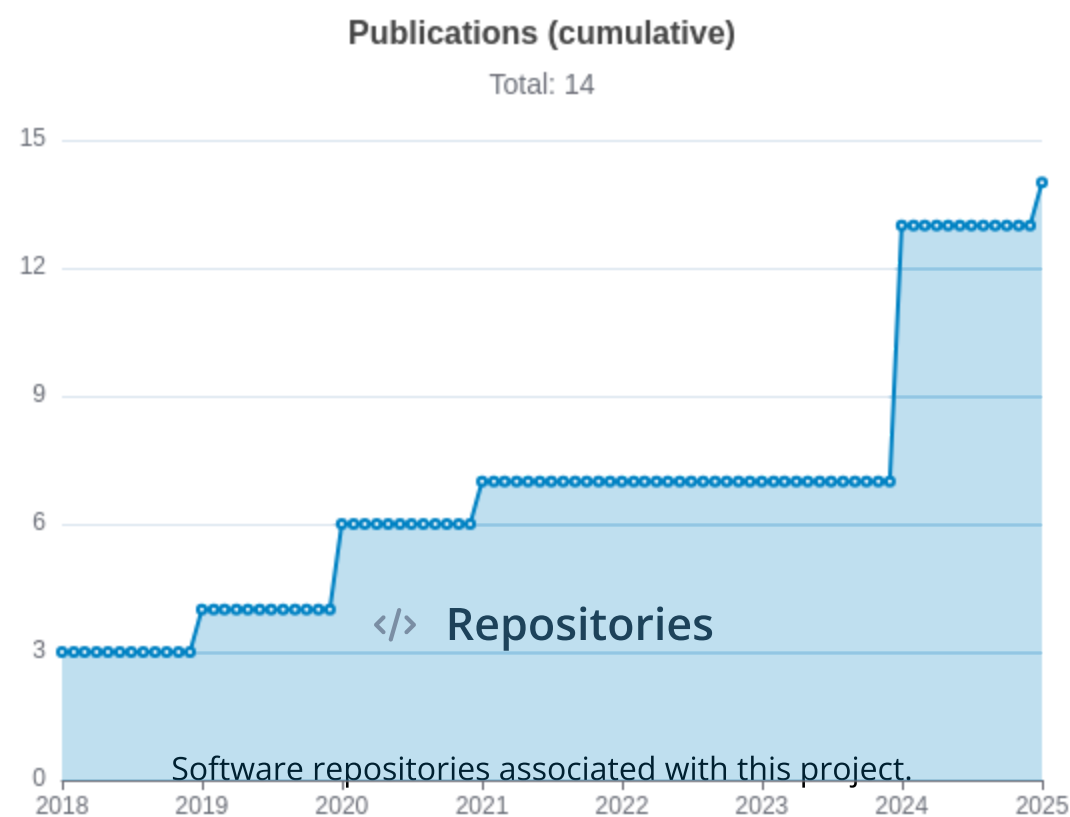
Publications

Published works associated with this project.

ID	Title	Authors	RC R	SJR	Cita tions	Cit. /year	Journal	Pub lish ed	Upd ated
38693412  DOI 	Temporal dynamics of the multi-omic response to endurance exercise training.	MoTrPAC Study Group ...1 more... MoTrPAC Study Group	33.679	18.288	133	133	Nature	2024	Dec 9, 2025 (just now)
38701776  DOI 	The mitochondrial multi-omic response to exercise training across rat tissues.	Amar, David ...28 more... MoTrPAC Study Group	12.682	0	50	50	Cell Metab	2024	Dec 9, 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	11.562	22.612	211	42.2	Cell	2020	Dec 9, 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	8.534	0	35	35	Nat Metab	2024	Dec 9, 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	202 4	Dec 9, 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)	202 4	Dec 9, 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	202 1	Dec 9, 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	201 8	Dec 9, 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)	202 4	Dec 9, 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	201 8	Dec 9, 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	201 8	Dec 9, 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 Genomic s	202 0	Dec 9, 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	2.3 33	Circ Genom Precis Med	201 9	Dec 9, 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	202 5	Dec 9, 2025 (just now)



Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.
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Notes

No data

RCR [Relative Citation Ratio](#)

CID [Scimago Journal Rank](#)

Name	Tags	Last Commit	Avg Issue	Avg PR	Languages	License	Readme	Contributing	Dependencies
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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.

Avg Issue/PR 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

Traffic metrics of websites 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.