



Core Project U24OD036598











Details











Projects	Name	Award	Publications	Repositories	Analytics
4U24OD036598-08 3U24OD036598-08S1 9U24OD036598-07 3U24OD036598-07S1 3U24OD036598-07S2	Molecular Transducers of Physical Activity (MoTrPAC)	\$7,867,462.00	14 publications	0 repositories	0 properties



Publications

Published works associated with this project.

ID	Title	Authors	RC R	SJR	Cita tio ns	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	33.876	18.288	126	126	Nature	2024	Nov 27, 2025 (just now)
38701776  DOI 	The mitochondrial multi-omic response to exercise training across rat tissues.	Amar, David ...28 more... MoTrPAC Study Group	13.035	0	48	48	Cell Metab	2024	Nov 27, 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	11.59	22.612	208	41.6	Cell	2020	Nov 27, 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	8.077	0	30	30	Nat Metab	2024	Nov 27, 2025 (just now)

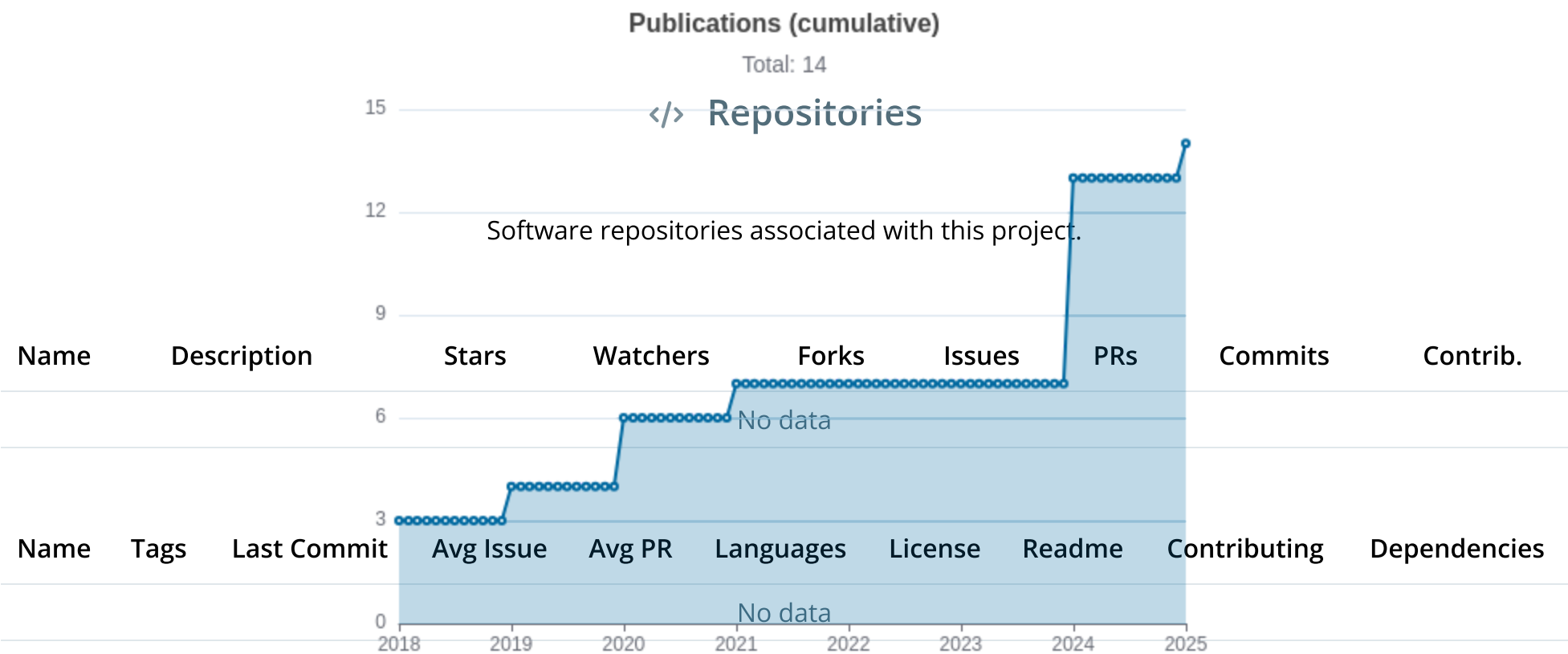
38697122  DOI 	Molecular adaptations in response to exercise training are associated with tissue-specific transc...	Nair, Venugopalan D ...22 more... MoTrPAC Study Group	6.8 2	0	27	27	Cell Genom	202 4	Nov 27, 2025 (just now)
38984994  DOI 	Physiological Adaptations to Progressive Endurance Exercise Training in Adult and Aged Rats: Insi...	Schenk, Simon ...16 more... MoTrPAC Study Group	6.4 71	0	21	21	Function (Oxf)	202 4	Nov 27, 2025 (just now)
34587765  DOI 	Phenotypic Expression, Natural History, and Risk Stratification of Cardiomyopathy Caused by Filam...	Gigli, Marta ...34 more... Mestroni, Luisa	5.5 26	0	80	20	Circulati on	202 1	Nov 27, 2025 (just now)
29601582  DOI 	Cardiovascular disease: The rise of the genetic risk score.	Knowles, Joshua W Ashley, Euan A	4.0 23	0	114	16. 286	PLoS Med	201 8	Nov 27, 2025 (just now)
38634503  DOI 	Molecular Transducers of Physical Activity Consortium (MoTrPAC): human studies design and protocol.	MoTrPAC Study Group ...92 more... Willis, Leslie	2.6 96	0	7	7	J Appl Physiol (1985)	202 4	Nov 27, 2025 (just now)

30062216  DOI 	Cardiovascular Precision Medicine in the Genomics Era.	Dainis, Alexandra M Ashley, Euan A	2.3 5	0	62	8.8 57	JACC Basic Transl Sci	201 8	Nov 27, 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	2.2 96	0	80	11. 429	Nat Commun	201 8	Nov 27, 2025 (just now)
32567507  DOI 	Silencing of <i>MYH7</i> ameliorates disease phenotypes in human iPSC-cardiomyocytes.	Dainis, Alexandra ...11 more... Ashley, Euan	2.0 05	0	41	8.2	Physiol Genomic s	202 0	Nov 27, 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 25	0	14	2.3 33	Circ Genom Precis Med	201 9	Nov 27, 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	Nov 27, 2025 (just now)

Notes

RCR [Relative Citation Ratio](#)

SJR [Scimago Journal Rank](#)






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.

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.