



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	Upd ated
38693412  DOI 	Temporal dynamics of the multi-omic response to endurance exercise training.	MoTrPAC Study Group ...1 more... MoTrPAC Study Group	33.972	18.288	119	119	Nature	2024	Oct 5, 2025 (just now)
38701776  DOI 	The mitochondrial multi-omic response to exercise training across rat tissues.	Amar, David ...28 more... MoTrPAC Study Group	12.927	0	45	45	Cell Metab	2024	Oct 5, 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	11.456	22.612	200	40	Cell	2020	Oct 5, 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	7.979	0	28	28	Nat Metab	2024	Oct 5, 2025 (just now)

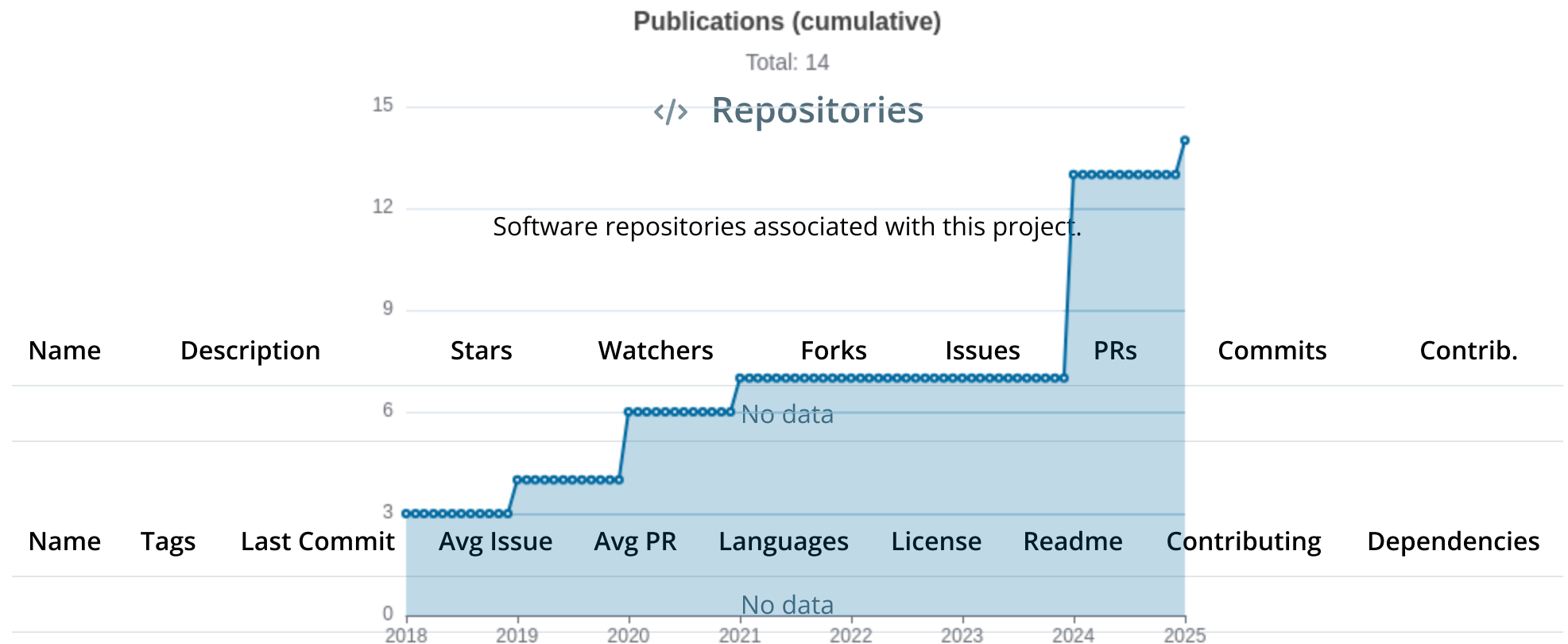
38697122  DOI 	Molecular adaptations in response to exercise training are associated with tissue-specific transc...	Nair, Venugopalan D ...22 more... MoTrPAC Study Group	7.2 1	0	26	26	Cell Genom	2024	Oct 5, 2025 (just now)
38984994  DOI 	Physiological Adaptations to Progressive Endurance Exercise Training in Adult and Aged Rats: Insi...	Schenk, Simon ...16 more... MoTrPAC Study Group	6.1 35	0	20	20	Function (Oxf)	2024	Oct 5, 2025 (just now)
34587765  DOI 	Phenotypic Expression, Natural History, and Risk Stratification of Cardiomyopathy Caused by Filam...	Gigli, Marta ...34 more... Mestroni, Luisa	5.4 76	0	77	19.25	Circulati on	2021	Oct 5, 2025 (just now)
29601582  DOI 	Cardiovascular disease: The rise of the genetic risk score.	Knowles, Joshua W Ashley, Euan A	4.0 63	0	113	16.143	PLoS Med	2018	Oct 5, 2025 (just now)
30062216  DOI 	Cardiovascular Precision Medicine in the Genomics Era.	Dainis, Alexandra M Ashley, Euan A	2.3 7	0	61	8.714	JACC Basic Transl Sci	2018	Oct 5, 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 22	0	79	11. 286	Nat Commun	2018	Oct 5, 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 5	0	41	8.2	Physiol Genomics	2020	Oct 5, 2025 (just now)
38634503  DOI 	Molecular Transducers of Physical Activity Consortium (MoTrPAC): human studies design and protocol.	MoTrPAC Study Group ...92 more... Willis, Leslie	1.7 02	0	5	5	J Appl Physiol (1985)	2024	Oct 5, 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 31	0	14	2.3 33	Circ Genom Precis Med	2019	Oct 5, 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	Oct 5, 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.

Built on Oct 5, 2025

Developed with support from NIH Award [U54 OD036472](#)