



Core Project U24OD036598











Details











Projects	Name	Award	Publications	Repositories	Analytics
4U24OD036598-08 9U24OD036598-07 3U24OD036598-07S2 3U24OD036598-07S1	Molecular Transducers of Physical Activity (MoTrPAC)	\$7,567,461.00	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	33.138	18.288	102	102	Nature	2024	Aug 14, 2025 (just now)
38701776  DOI 	The mitochondrial multi-omic response to exercise training across rat tissues.	Amar, David ...28 more... MoTrPAC Study Group	11.256	0	34	34	Cell Metab	2024	Aug 14, 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	11.224	22.612	187	37.4	Cell	2020	Aug 14, 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	7.396	0	23	23	Nat Metab	2024	Aug 14, 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	7.0 59	0	22	22	Cell Genom	202 4	Aug 14, 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 3	0	18	18	Function (Oxf)	202 4	Aug 14, 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 22	0	73	18. 25	Circulati on	202 1	Aug 14, 2025 (just now)
29601582  DOI 	Cardiovascular disease: The rise of the genetic risk score.	Knowles, Joshua W Ashley, Euan A	4.0 1	0	111	15. 857	PLoS Med	201 8	Aug 14, 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 64	0	79	11. 286	Nat Commun	201 8	Aug 14, 2025 (just now)

30062216 DOI ↗	Cardiovascular Precision Medicine in the Genomics Era.	Dainis, Alexandra M Ashley, Euan A	2.3 35	0	59	8.4 29	JACC Basic Transl Sci	201 8	Aug 14, 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 81	0	39	7.8	Physiol Genomic s	202 0	Aug 14, 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 11	0	13	2.1 67	Circ Genom Precis Med	201 9	Aug 14, 2025 (just now)
38634503 DOI ↗	Molecular Transducers of Physical Activity Consortium (MoTrPAC): human studies design and protocol.	MoTrPAC Study Group ...92 more... Willis, Leslie	0	0	4	4	J Appl Physiol (1985)	202 4	Aug 14, 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	Aug 14, 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.
- 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.

Built on Aug 14, 2025

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