🔬 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	RCR	SJR	Citations	Cit./year	Journal	Published	Updated
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 22, 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 22, 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 22, 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 22, 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	7.059	0	22	22	Cell Genom	2024	Aug 22, 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	6.43	0	18	18	Function (Oxf)	2024	Aug 22, 2025 (just now)
[34587765](#) ↗ DOI ↗	Phenotypic Expression, Natural History, and Risk Stratification of Cardiomyopathy Caused by Filam...	Gigli, Marta ...34 more... Mestroni, Luisa	5.422	0	73	18.25	Circulation	2021	Aug 22, 2025 (just now)
[29601582](#) ↗ DOI ↗	Cardiovascular disease: The rise of the genetic risk score.	Knowles, Joshua W Ashley, Euan A	4.01	0	111	15.857	PLoS Med	2018	Aug 22, 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	2.364	0	79	11.286	Nat Commun	2018	Aug 22, 2025 (just now)

[30062216](#) [↗](#) DOI [↗](#)	Cardiovascular Precision Medicine in the Genomics Era.	Dainis, Alexandra M Ashley, Euan A	2.335	0	59	8.429	JACC Basic Transl Sci	2018	Aug 22, 2025 (just now)
[32567507](#) [↗](#) DOI [↗](#)	Silencing of <i>MYH7</i> ameliorates disease phenotypes in human iPSC-cardiomyocytes.	Dainis, Alexandra ...11 more... Ashley, Euan	2.081	0	39	7.8	Physiol Genomics	2020	Aug 22, 2025 (just now)
[31112421](#) [↗](#) DOI [↗](#)	Targeted Long-Read RNA Sequencing Demonstrates Transcriptional Diversity Driven by Splice-Site Va...	Dainis, Alexandra ...4 more... Ashley, Euan	0.411	0	13	2.167	Circ Genom Precis Med	2019	Aug 22, 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	Aug 22, 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)	2024	Aug 22, 2025 (just now)

Notes

Publications (cumulative)
Total: 14

</> **Repositories**

Software repositories associated with this project.

Name	Description	Stars	Watchers	Forks	Issues	PRs	Commits	Contrib.

No data

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

No data

Notes

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.