



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 17, 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 17, 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 17, 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 17, 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 17, 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 17, 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 17, 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 17, 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 17, 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 17, 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 17, 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 17, 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 17, 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 17, 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 17, 2025

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