



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 | 33.679 | 18.288 | 133 | 133 | Nature | 2024 | Dec 5, 2025 (just now) |
| 38701776  DOI  | The mitochondrial multi-omic response to exercise training across rat tissues. | Amar, David ...28 more... MoTrPAC Study Group | 12.682 | 0 | 50 | 50 | Cell Metab | 2024 | Dec 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 | 11.562 | 22.612 | 211 | 42.2 | Cell | 2020 | Dec 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 | 8.534 | 0 | 35 | 35 | Nat Metab | 2024 | Dec 5, 2025 (just now) |

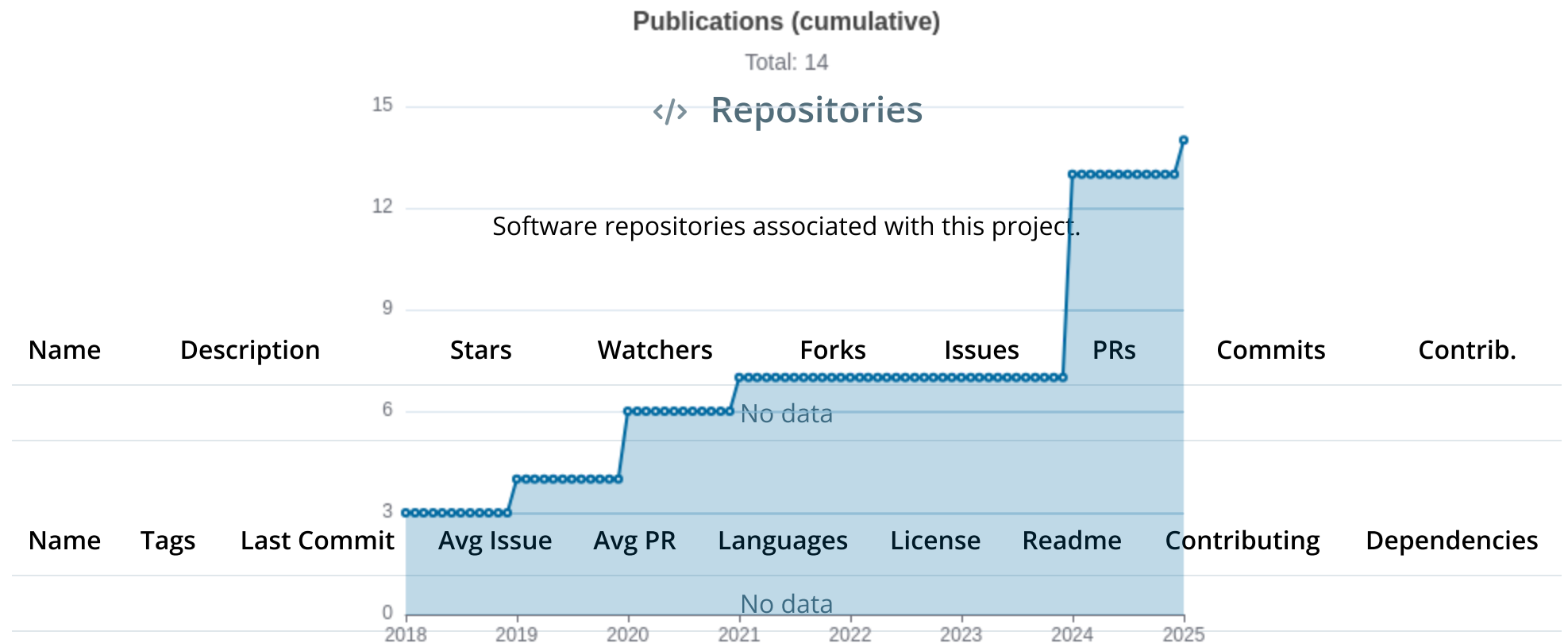
| | | | | | | | | | |
|---|--|---|-----------|---|-----|--------|-----------------------|------|------------------------|
| 38697122  DOI  | Molecular adaptations in response to exercise training are associated with tissue-specific transc... | Nair, Venugopalan D ...22 more... MoTrPAC Study Group | 6.3 52 | 0 | 27 | 27 | Cell Genom | 2024 | Dec 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 | 6.0 26 | 0 | 21 | 21 | Function (Oxf) | 2024 | Dec 5, 2025 (just now) |
| 34587765  DOI  | Phenotypic Expression, Natural History, and Risk Stratification of Cardiomyopathy Caused by Filam... | Gigli, Marta ...34 more... Mestroni, Luisa | 5.6 39 | 0 | 83 | 20.75 | Circulati on | 2021 | Dec 5, 2025 (just now) |
| 29601582  DOI  | Cardiovascular disease: The rise of the genetic risk score. | Knowles, Joshua W Ashley, Euan A | 3.9 76 | 0 | 114 | 16.286 | PLoS Med | 2018 | Dec 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 | 2.5 12 | 0 | 7 | 7 | J Appl Physiol (1985) | 2024 | Dec 5, 2025 (just now) |

| | | | | | | | | | |
|---|--|---|-----------|---|----|------------|--------------------------------|----------|------------------------------------|
| 30062216  DOI  | Cardiovascular Precision Medicine in the Genomics Era. | Dainis, Alexandra M Ashley, Euan A | 2.3 62 | 0 | 63 | 9 | JACC Basic Transl Sci | 201 8 | Dec 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 | 0 | 81 | 11. 571 | Nat Commun | 201 8 | Dec 5, 2025 (just now) |
| 32567507  DOI  | Silencing of <i>MYH7</i> ameliorates disease phenotypes in human iPSC-cardiomyocytes. | Dainis, Alexandra ...11 more... Ashley, Euan | 1.9 73 | 0 | 41 | 8.2 | Physiol Genomic s | 202 0 | Dec 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 2 | 0 | 14 | 2.3 33 | Circ Genom Precis Med | 201 9 | Dec 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 | 202 5 | Dec 5, 2025 (just now) |

Notes

RCR [Relative Citation Ratio](#) 

SJR [Scimago Journal Rank](#) 






Notes

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|------------|---|
| 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.