



(Core Project U24OD036598)

Overview

High-level info about this project.

| Projects | Name | Award | Publications | Repositories | Analytics |
|-------------------|--|--------|-----------------|----------------|--------------|
| 4U24OD036598-08 | Molecular Transducers of Physical Activity (MoTrPAC) | \$7.9M | 14 publications | 0 repositories | 0 properties |
| 3U24OD036598-08S1 | | | | | |
| 9U24OD036598-07 | | | | | |
| 3U24OD036598-07S1 | | | | | |
| 3U24OD036598-07S2 | | | | | |

Publications

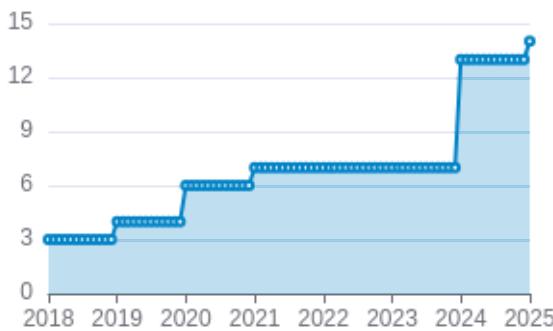
Published works associated with this project.

| ID | Title | Authors | RC R | SJ R | Cit. ati ons | Cit. /ye ar | Journal | Pub lished | Upd ated |
|--|--|--|----------------|----------------|--------------------|-------------------|-------------------|---------------|--------------|
| 38693412  | Temporal dynamics of the multi-omic response to endurance exercise training. | MoTrPAC Study Group ...1 more... MoTrPAC Study Group | 33. 58 7 | 18. 28 8 | | | Nature | 2024 | Dec 28, 2025 |
| 38701776  | The mitochondrial multi-omic response to exercise training across rat tissues. | Amar, David ...28 more... MoTrPAC Study Group | 11. 91 5 | 11. 98 9 | 51 | 51 | Cell metabolism | 2024 | Dec 28, 2025 |
| 32589957  | Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to... | Sanford, James A ...14 more... Molecular Transducers of Physical Activity Consortium | 11. 66 3 | 22. 61 2 | 216 | 43. 2 | Cell | 2020 | Dec 28, 2025 |
| 38693320  | Sexual dimorphism and the multi-omic response to exercise training in rat subcutaneous white adip... | Many, Gina M ...25 more... MoTrPAC Study Group | 7.9 22 | 7.5 29 | 35 | 35 | Nature metabolism | 2024 | Dec 28, 2025 |

| | | | Nair, Venugopalan | D | 6.1 25 | 6.2 38 | 28 | 28 | Cell genomics | 202 4 | Dec 28, 2025 |
|--------------------------|--|--|-------------------|--------------------------------------|-----------|-----------|------------|----|--|----------|--------------------|
| 38697122 | Molecular adaptations in response to exercise training are associated with tissue-specific transcri... | | | ...22 more... MoTrPAC Study Group | | | | | | | |
| 34587765 | Phenotypic Expression, Natural History, and Risk Stratification of Cardiomyopathy Caused by Filam... | Gigli, Marta ...34 more... Mestroni, Luisa | | 5.6 73 | 8.6 68 | 85 | 21. 25 | | Circulation | 202 1 | Dec 28, 2025 |
| 38984994 | Physiological Adaptations to Progressive Endurance Exercise Training in Adult and Aged Rats: Insi... | Schenk, Simon ...16 more... MoTrPAC Study Group | | 5.5 95 | 0.8 77 | 21 | 21 | | Function (Oxford, England) | 202 4 | Dec 28, 2025 |
| 29601582 | Cardiovascular disease: The rise of the genetic risk score. | Knowles, Joshua W Ashley, Euan A | | 3.9 45 | 4.2 79 | 114 | 16. 286 | | PLoS medicine | 201 8 | Dec 28, 2025 |
| 38634503 | Molecular Transducers of Physical Activity Consortium (MoTrPAC): human studies design and protocol. | MoTrPAC Study Group ...92 more... Willis, Leslie | | 2.6 56 | 1.0 78 | 8 | 8 | | Journal of applied physiology (Bethesda, Md. : 1985) | 202 4 | Dec 28, 2025 |
| 30062216 | Cardiovascular Precision Medicine in the Genomics Era. | Dainis, Alexandra M Ashley, Euan A | | 2.3 96 | 2.4 96 | 64 | 9.1 43 | | JACC. Basic to translational science | 201 8 | Dec 28, 2025 |

Publications (cumulative)

Total: 14



Notes

RCR [Relative Citation Ratio ↗](#)

SJR [Scimago Journal Rank ↗](#)

</> Repositories

Software repositories associated with this project.

| Name | Description | Last Commit | S | F | W | C | I | S | P | R | t | n | o | C | L | C | L |
|------------------|----------------------|-------------|------------|------------|------------|------------|--------|-----|----|----|----|----|----|----|----|----|---|
| | | T | s | t | a | o | s | s | R | e | r | d | i | o | c | n | a |
| | | ag | a | r | tc | m | Issues | PRs | A | a | r | i | b | f | e | n | u |
| | | s | r | k | h | m | | | A | v | m | u | C | i | n | a | |
| John Doe | Full Stack Developer | 2023-10-05 | 2023-10-05 | 2023-10-05 | 2023-10-05 | 2023-10-05 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| Jane Smith | Frontend Developer | 2023-10-06 | 2023-10-06 | 2023-10-06 | 2023-10-06 | 2023-10-06 | 2 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| Bob Johnson | Backend Developer | 2023-10-07 | 2023-10-07 | 2023-10-07 | 2023-10-07 | 2023-10-07 | 3 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| Sarah Williams | Full Stack Developer | 2023-10-08 | 2023-10-08 | 2023-10-08 | 2023-10-08 | 2023-10-08 | 4 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| Mike Green | Frontend Developer | 2023-10-09 | 2023-10-09 | 2023-10-09 | 2023-10-09 | 2023-10-09 | 5 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | |
| Emily White | Backend Developer | 2023-10-10 | 2023-10-10 | 2023-10-10 | 2023-10-10 | 2023-10-10 | 6 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | |
| David Blue | Full Stack Developer | 2023-10-11 | 2023-10-11 | 2023-10-11 | 2023-10-11 | 2023-10-11 | 7 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | |
| Grace Green | Frontend Developer | 2023-10-12 | 2023-10-12 | 2023-10-12 | 2023-10-12 | 2023-10-12 | 8 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | |
| Frank Black | Backend Developer | 2023-10-13 | 2023-10-13 | 2023-10-13 | 2023-10-13 | 2023-10-13 | 9 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| Olivia Brown | Full Stack Developer | 2023-10-14 | 2023-10-14 | 2023-10-14 | 2023-10-14 | 2023-10-14 | 10 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | |
| Henry Taylor | Frontend Developer | 2023-10-15 | 2023-10-15 | 2023-10-15 | 2023-10-15 | 2023-10-15 | 11 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | |
| Isabella Parker | Backend Developer | 2023-10-16 | 2023-10-16 | 2023-10-16 | 2023-10-16 | 2023-10-16 | 12 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| Charlotte Wilson | Full Stack Developer | 2023-10-17 | 2023-10-17 | 2023-10-17 | 2023-10-17 | 2023-10-17 | 13 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | |
| Matthew Evans | Frontend Developer | 2023-10-18 | 2023-10-18 | 2023-10-18 | 2023-10-18 | 2023-10-18 | 14 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | |
| Scarlett James | Backend Developer | 2023-10-19 | 2023-10-19 | 2023-10-19 | 2023-10-19 | 2023-10-19 | 15 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
| Lucas Wilson | Full Stack Developer | 2023-10-20 | 2023-10-20 | 2023-10-20 | 2023-10-20 | 2023-10-20 | 16 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | |
| Amelia Parker | Frontend Developer | 2023-10-21 | 2023-10-21 | 2023-10-21 | 2023-10-21 | 2023-10-21 | 17 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | |
| Benjamin Evans | Backend Developer | 2023-10-22 | 2023-10-22 | 2023-10-22 | 2023-10-22 | 2023-10-22 | 18 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | |
| Charlotte Parker | Full Stack Developer | 2023-10-23 | 2023-10-23 | 2023-10-23 | 2023-10-23 | 2023-10-23 | 19 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | |
| Matthew Wilson | Frontend Developer | 2023-10-24 | 2023-10-24 | 2023-10-24 | 2023-10-24 | 2023-10-24 | 20 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | |
| Scarlett Evans | Backend Developer | 2023-10-25 | 2023-10-25 | 2023-10-25 | 2023-10-25 | 2023-10-25 | 21 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | |
| Amelia Evans | Full Stack Developer | 2023-10-26 | 2023-10-26 | 2023-10-26 | 2023-10-26 | 2023-10-26 | 22 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | |
| Benjamin Wilson | Frontend Developer | 2023-10-27 | 2023-10-27 | 2023-10-27 | 2023-10-27 | 2023-10-27 | 23 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| Charlotte Evans | Backend Developer | 2023-10-28 | 2023-10-28 | 2023-10-28 | 2023-10-28 | 2023-10-28 | 24 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | |
| Matthew Parker | Full Stack Developer | 2023-10-29 | 2023-10-29 | 2023-10-29 | 2023-10-29 | 2023-10-29 | 25 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | |
| Scarlett Wilson | Frontend Developer | 2023-10-30 | 2023-10-30 | 2023-10-30 | 2023-10-30 | 2023-10-30 | 26 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | |
| Amelia Evans | Backend Developer | 2023-10-31 | 2023-10-31 | 2023-10-31 | 2023-10-31 | 2023-10-31 | 27 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | |

Built on Jan 29, 2026

Developed with support from NIH Award U54 OD036472

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No data

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.

Issue/PR Avg 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

Website metrics 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.