



## (Core Project R03OD032666)

### Overview

High-level info about this project.

| Projects        | Name   | Award  | Publications   | Repositories   | Analytics    |
|-----------------|--|--------|----------------|----------------|--------------|
| 1R03OD032666-01 | Investigating systems physiology with multi-omics data | \$311K | 5 publications | 0 repositories | 0 properties |

## Publications

Published works associated with this project.

| ID   | Title  | Authors  | RC<br>R       | SJ<br>R       | Cita<br>tion<br>s | Cit.<br>/ye<br>ar | Journal  | Pub<br>lished | Upda<br>ted  |
|--|--|--|---------------|---------------|-------------------|-------------------|--|---------------|--------------|
| <a href="#">35636728</a>    | Harmonizing Labeling and Analytical Strategies to Obtain Protein Turnover Rates in Intact Adult A... | Hammond,<br>Dean E ...8<br>more...<br>Lau,<br>Edward     | 2.<br>49<br>4 | 1.<br>94<br>8 | 29                | 9.6<br>67         | Molecular & cellular proteomics : MCP                            | 2022          | Dec 28, 2025 |
| <a href="#">36356032</a>  | Protein prediction models support widespread post-transcriptional regulation of protein abundance... | Srivastava,<br>Himangi ...4<br>more...<br>Lau,<br>Edward | 1.<br>62<br>4 | 1.<br>50<br>3 | 20                | 6.6<br>67         | PLoS computational biology                                       | 2022          | Dec 28, 2025 |
| <a href="#">35930447</a>  | Proteogenomics reveals sex-biased aging genes and coordinated splicing in cardiac aging.             | Han, Yu ...4<br>more...<br>Lam,<br>Maggie<br>P Y         | 1.<br>57<br>7 | 1.<br>46<br>4 | 20                | 6.6<br>67         | American journal of physiology. Heart and circulatory physiology | 2022          | Dec 28, 2025 |

[35821831](#)   
[DOI](#) 

Defining the Roles of Cardiokines in Human Aging and Age-Associated Diseases.

Srivastava,  
Himangi  
...1  
more...  
Lau,  
Edward

Frontiers in aging

2022  
Dec 28,  
2025

[41191057](#)   
[DOI](#) 

SALVE: prediction of interorgan communication with transcriptome latent space representation.

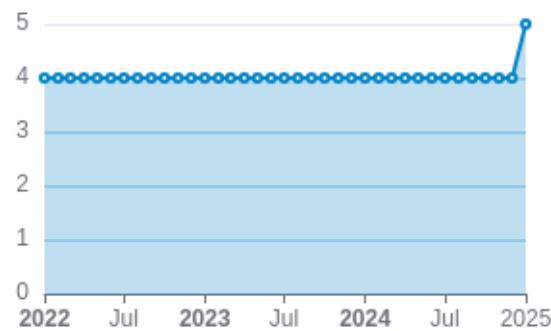
Pavelka,  
Jay  
...3  
more...  
Lau,  
Edward

American journal of physiology. Heart and circulatory physiology

2025  
Jan 1,  
2026

### Publications (cumulative)

Total: 5



## &lt;/&gt; Repositories

Software repositories associated with this project.

N  
a  
m  
e

Description

|   | T | S           | F | W | C | I | P | R | C | O | C | L | C | L |
|---|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|
|   | a | Last Commit | a | r | t | s | s | R | e | n | o | L | o | a |
| g | g | g           | g | g | g | g | g | g | g | g | g | g | g | g |
| s | s | s           | s | s | s | s | s | s | s | s | s | s | s | s |
|   |   |             |   |   |   |   |   |   |   |   |   |   |   |   |

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 .



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.