



## Core Project R03OD034496











### Details









| Projects        | Name   | Award        | Publications    | Repositories   | Analytics    |
|-----------------|--|--------------|-----------------|----------------|--------------|
| 1R03OD034496-01 | Uncovering therapeutic-associated biomarkers via machine learning and feature engineering approaches | \$318,000.00 | 11 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>yea<br>r | Journal         | Publ<br>ishe<br>d | Upda<br>ted            |
|---|--|--|---------|---------|-------------------|-------------------|-----------------|-------------------|------------------------|
| <a href="#">37267954</a> <br><a href="#">DOI</a>      | Senescent alveolar macrophages promote early-stage lung tumorigenesis.                               | Prieto, Luis I ...7 more...<br>Baker, Darren J     | 11.298  | 0       | 105               | 52.5              | Cancer Cell     | 2023              | Oct 9, 2025 (just now) |
| <a href="#">38398213</a> <br><a href="#">DOI</a>      | The Rise of Hypothesis-Driven Artificial Intelligence in Oncology.                                   | Xianyu, Zilin ...4 more...<br>Li, Hu               | 3.055   | 0       | 10                | 10                | Cancers (Basel) | 2024              | Oct 9, 2025 (just now) |
| <a href="#">38882600</a> <br><a href="#">DOI</a>      | Glycogen synthase kinase 3 activity enhances liver inflammation in MASH.                             | Khoury, Mireille ...18 more...<br>Ibrahim, Samar H | 2.327   | 0       | 9                 | 9                 | JHEP Rep        | 2024              | Oct 9, 2025 (just now) |
| <a href="#">37657444</a> <br><a href="#">DOI</a>  | Single-nucleus multiomic mapping of m[6]A methylomes and transcriptomes in native populations of ... | Hamashi ma, Kiyofumi ...8 more...<br>Loh, Yuin-Han | 1.944   | 0       | 22                | 11                | Mol Cell        | 2023              | Oct 9, 2025 (just now) |

|   |  |   |           |           |   |           |                                |      |                                    |
|---|--|---|-----------|-----------|---|-----------|--------------------------------|------|------------------------------------|
| <a href="#">34876496</a> <br><a href="#">DOI</a>      | De novo individualized disease modules reveal the synthetic penetrance of genes and inform person... | Weiskittel<br>, Taylor M<br>...3<br>more...<br>Li, Hu | 0.4<br>48 | 0         | 5 | 1.66<br>7 | Genome<br>Res                  | 2022 | Oct<br>9,<br>2025<br>(just<br>now) |
| <a href="#">37242535</a> <br><a href="#">DOI</a>      | Network Biology-Inspired Machine Learning Features Predict Cancer Gene Targets and Reveal Target ... | Weiskittel<br>, Taylor M<br>...9<br>more...<br>Li, Hu | 0.2<br>61 | 0         | 2 | 1         | Pharmace<br>uticals<br>(Basel) | 2023 | Oct<br>9,<br>2025<br>(just<br>now) |
| <a href="#">34600126</a> <br><a href="#">DOI</a>      | Manifold medicine: A schema that expands treatment dimensionality.                                   | Ung,<br>Choong<br>Yong<br>...3<br>more...<br>Li, Hu   | 0.2<br>06 | 0         | 4 | 1.33<br>3 | Drug<br>Discov<br>Today        | 2022 | Oct<br>9,<br>2025<br>(just<br>now) |
| <a href="#">37371475</a> <br><a href="#">DOI</a>  | SPIN-AI: A Deep Learning Model That Identifies Spatially Predictive Genes.                           | Meng-Lin,<br>Kevin<br>...9<br>more...<br>Li, Hu       | 0.1<br>74 | 1.3<br>33 | 2 | 1         | Biomolecu<br>les               | 2023 | Oct<br>9,<br>2025<br>(just<br>now) |

|  |  |  |   |   |   |   |                     |      |                        |
|--|--|--|---|---|---|---|---------------------|------|------------------------|
| <a href="#">39149248</a> <a href="#">DOI</a> <a href="#">↗</a> | Deciphering tumour microenvironment and elucidating the origin of cancer cells in ovarian clear c... | Kamaraj, Uma S<br>...14 more...<br>Loh, Yuin-Han | 0 | 0 | 0 | 0 | bioRxiv             | 2024 | Oct 9, 2025 (just now) |
| <a href="#">36866271</a> <a href="#">DOI</a> <a href="#">↗</a> | Manifold epigenetics: A conceptual model that guides engineering strategies to improve whole-body... | Ung, Choong Yong<br>...3 more...<br>Li, Hu       | 0 | 0 | 0 | 0 | Front Cell Dev Biol | 2023 | Oct 9, 2025 (just now) |
| <a href="#">37967790</a> <a href="#">DOI</a> <a href="#">↗</a> | Multiorgan locked-state model of chronic diseases and systems pharmacology opportunities.            | Ung, Choong Yong<br>...4 more...<br>Zhu, Shizhen | 0 | 0 | 2 | 2 | Drug Discov Today   | 2024 | Oct 9, 2025 (just now) |

## Notes

RCR [Relative Citation Ratio](#) [↗](#)

SJR [Scimago Journal Rank](#) [↗](#)

## </> Repositories

Publications (cumulative)  
Total: 11

Software repositories associated with this project.



### 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`.

## 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 Oct 9, 2025

Developed with support from NIH Award [U54 OD036472](#)