



## 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,<br>Luis I<br>...7<br>more...<br>Baker,<br>Darren J        | 11.<br>18<br>4 | 0       | 101               | 50.5              | Cancer<br>Cell     | 2023              | Sep<br>19,<br>2025<br>(just<br>now) |
| <a href="#">38398213</a> <br><a href="#">DOI</a>      | The Rise of Hypothesis-Driven Artificial Intelligence in Oncology.                                   | Xianyu,<br>Zilin<br>...4<br>more...<br>Li, Hu                     | 2.9<br>48      | 0       | 9                 | 9                 | Cancers<br>(Basel) | 2024              | Sep<br>19,<br>2025<br>(just<br>now) |
| <a href="#">38882600</a> <br><a href="#">DOI</a>      | Glycogen synthase kinase 3 activity enhances liver inflammation in MASH.                             | Khoury,<br>Mireille<br>...18<br>more...<br>Ibrahim,<br>Samar H    | 2.2<br>02      | 0       | 8                 | 8                 | JHEP Rep           | 2024              | Sep<br>19,<br>2025<br>(just<br>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<br>ma,<br>Kiyofumi<br>...8<br>more...<br>Loh, Yui-<br>Han | 1.9<br>37      | 0       | 21                | 10.5              | Mol Cell           | 2023              | Sep<br>19,<br>2025<br>(just<br>now) |

|  |  |  |       |       |   |       |                         |      |                         |
|--|--|--|-------|-------|---|-------|-------------------------|------|-------------------------|
| <a href="#">34876496</a> <a href="#">DOI</a> <a href="#">↗</a> | De novo individualized disease modules reveal the synthetic penetrance of genes and inform person... | Weiskittel , Taylor M ...3 more...<br>Li, Hu | 0.388 | 0     | 4 | 1.333 | Genome Res              | 2022 | Sep 19, 2025 (just now) |
| <a href="#">37242535</a> <a href="#">DOI</a> <a href="#">↗</a> | Network Biology-Inspired Machine Learning Features Predict Cancer Gene Targets and Reveal Target ... | Weiskittel , Taylor M ...9 more...<br>Li, Hu | 0.307 | 0     | 1 | 0.5   | Pharmaceuticals (Basel) | 2023 | Sep 19, 2025 (just now) |
| <a href="#">34600126</a> <a href="#">DOI</a> <a href="#">↗</a> | Manifold medicine: A schema that expands treatment dimensionality.                                   | Ung, Choong Yong ...3 more...<br>Li, Hu      | 0.212 | 0     | 4 | 1.333 | Drug Discov Today       | 2022 | Sep 19, 2025 (just now) |
| <a href="#">37371475</a> <a href="#">DOI</a> <a href="#">↗</a> | SPIN-AI: A Deep Learning Model That Identifies Spatially Predictive Genes.                           | Meng-Lin, Kevin ...9 more...<br>Li, Hu       | 0.183 | 1.333 | 2 | 1     | Biomolecules            | 2023 | Sep 19, 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 ...4 more...<br>Zhu, Shizhen | 0 | 0 | 2 | 2 | Drug Discov Today   | 2024 | Sep 19, 2025 (just 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 ...14 more...<br>Loh, Yui-Han  | 0 | 0 | 0 | 0 | bioRxiv             | 2024 | Sep 19, 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 ...3 more...<br>Li, Hu       | 0 | 0 | 0 | 0 | Front Cell Dev Biol | 2023 | Sep 19, 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 Sep 19, 2025

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