



# Core Project R03OD034493











## Overview









High-level info about this project.

| Projects        | Name  | Award  | Publications   | Repositories   | Analytics    |
|-----------------|---|--------|----------------|----------------|--------------|
| 1R03OD034493-01 | Cross Repository Metabolomics Data and Workflow Integration | \$303K | 8 publications | 0 repositories | 0 properties |

## Publications

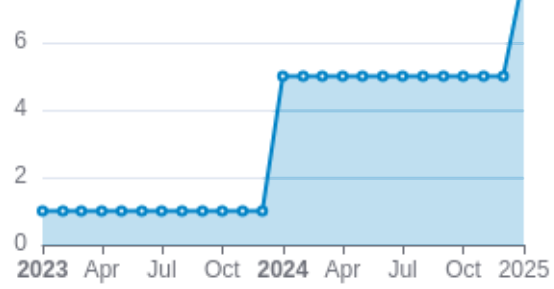
Published works associated with this project.

| ID  | Title   | Authors  | RC<br>R        | SJR            | Cita<br>tion<br>s | Cit.<br>/ye<br>ar | Journal          | Pub<br>lish<br>ed | Upd<br>ated |
|---|---|--|----------------|----------------|-------------------|-------------------|------------------|-------------------|-------------|
| <a href="#">38471500</a> <br><a href="#">DOI</a>      | The underappreciated diversity of bile acid modifications.                          | Mohanty, Ipsita<br>...26 more...<br>Dorrestein, Pieter C | 27.<br>13<br>1 | 22.<br>61<br>2 | 130               | 65                | Cell             | 2024              | Feb 1, 2026 |
| <a href="#">38769143</a> <br><a href="#">DOI</a>      | Reproducible mass spectrometry data processing and compound annotation in MZmine 3. | Heuckeroth, Steffen<br>...17 more...<br>Pluskal, Tomáš   | 19.<br>49      | 5.8<br>54      | 62                | 31                | Nature protocols | 2024              | Feb 1, 2026 |
| <a href="#">40355727</a> <br><a href="#">DOI</a>  | A universal language for finding mass spectrometry data patterns.                   | Damiani, Tito<br>...72 more...<br>Wang, Mingxun          | 13.<br>40<br>9 | 17.<br>25<br>1 | 27                | 27                | Nature methods   | 2025              | Feb 1, 2026 |
| <a href="#">40021805</a> <br><a href="#">DOI</a>  | A guide to reverse metabolomics-a framework for big data discovery strategy.        | Charron-Lamoureux, Vincent<br>...13 more...              | 5.4<br>69      | 5.8<br>54      | 11                | 11                | Nature protocols | 2025              | Feb 1, 2026 |

|   |  |  |           |                |    |           |   |          |                   |  |
|---|--|--|-----------|----------------|----|-----------|---|----------|-------------------|--|
|   |  | Dorrestein,<br>Pieter C  |           |                |    |           |   |          |                   |  |
| <a href="#">40020666</a> <br><a href="#">DOI</a>      | The International Space Station has a unique and extreme microbial and chemical environment drive... | Salido,<br>Rodolfo A<br>...23 more...<br>Knight, Rob                   | 5.0<br>11 | 22.<br>61<br>2 | 10 | 10        | Cell  | 202<br>5 | Feb<br>1,<br>2026 |  |
| <a href="#">38918178</a> <br><a href="#">DOI</a>      | Leptochelins A-C, Cytotoxic Metallophores Produced by Geographically Dispersed <i>Leptothoe</i> S... | Avalon,<br>Nicole E<br>...28 more...<br>Gerwick,<br>William H          | 4.9<br>17 | 5.5<br>54      | 17 | 8.5       | Journal of the American Chemical Society              | 202<br>4 | Feb<br>1,<br>2026 |  |
| <a href="#">38830143</a> <br><a href="#">DOI</a>      | ModiFinder: Tandem Mass Spectral Alignment Enables Structural Modification Site Localization.        | Shahneh,<br>Mohammad<br>Reza Zare<br>...10 more...<br>Wang,<br>Mingxun | 3.5<br>54 | 0.7<br>04      | 15 | 7.5       | Journal of the American Society for Mass Spectrometry | 202<br>4 | Feb<br>1,<br>2026 |  |
| <a href="#">36688502</a> <br><a href="#">DOI</a>  | Unified and Standardized Mass Spectrometry Data Processing in Python Using spectrum_utils.           | Bittremieux,<br>Wout<br>...5 more...<br>Dorrestein,<br>Pieter C        | 2.2<br>31 | 1.1<br>39      | 16 | 5.3<br>33 | Journal of proteome research                          | 202<br>3 | Feb<br>1,<br>2026 |  |

**Publications (cumulative)**

Total: 8



## Notes

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

SJR [Scimago Journal Rank](#) [↗](#)

# </> Repositories

Software repositories associated with this project.

Built on Feb 14, 2026

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

| Name    | Description | Language | Last Commit | Stars | Forks | Commits | Issues | PRs | Open Avg | Closed Avg | Build Success | Dependencies | References | Licenses |
|---------|-------------|----------|-------------|-------|-------|---------|--------|-----|----------|------------|---------------|--------------|------------|----------|
|         |             |          |             |       |       |         |        |     |          |            |               |              |            |          |
| No data |             |          |             |       |       |         |        |     |          |            |               |              |            |          |

## Notes

- RepositoryFor 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/OpenResolved/unresolved.
- Issue/PR AvgAverage 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.