



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.

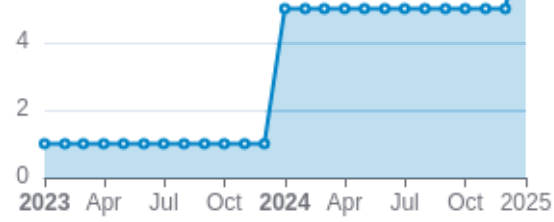
| ID | Title | Authors | RC R | SJR | Cita tion s | Cit. /ye ar | Journal | Pub lish ed | Upd ated |
|---|--|--|----------------|----------------|-------------------|-------------------|--|-------------------|-------------|
| 38471500  DOI  | The underappreciated diversity of bile acid modifications. | Mohanty, Ipsita ...26 more... Dorrestein, Pieter C | 26. 86 7 | 22. 61 2 | 110 | 110 | Cell | 2024 | Dec 1, 2025 |
| 38769143  DOI  | Reproducible mass spectrometry data processing and compound annotation in MZmine 3. | Heuckeroth, Steffen ...17 more... Pluskal, Tomáš | 18. 63 1 | 5.8 54 | 52 | 52 | Nature protocols | 2024 | Dec 1, 2025 |
| 40355727  DOI  | A universal language for finding mass spectrometry data patterns. | Damiani, Tito ...72 more... Wang, Mingxun | 9.5 18 | 17. 25 1 | 19 | 19 | Nature methods | 2025 | Dec 1, 2025 |
| 38918178  DOI  | Leptochelins A-C, Cytotoxic Metallophores Produced by Geographically Dispersed <i>Leptothoe</i> S... | Avalon, Nicole E ...28 more... Gerwick, William H | 5.6 87 | 5.5 54 | 16 | 16 | Journal of the American Chemical Society | 2024 | Dec 1, 2025 |

| | | | | | | | | | |
|--|--|---|-----------|----------------|----|-----|---|------|-------------|
| 40021805 DOI ↗ | A guide to reverse metabolomics-a framework for big data discovery strategy. | Charron-Lamoureux, Vincent ...13 more... Dorrestein, Pieter C | 2.9 93 | 5.8 54 | 6 | 6 | Nature protocols | 2025 | Dec 1, 2025 |
| 38830143 DOI ↗ | ModiFinder: Tandem Mass Spectral Alignment Enables Structural Modification Site Localization. | Shahneh, Mohammad Reza Zare ...10 more... Wang, Mingxun | 2.6 53 | 0.7 04 | 10 | 10 | Journal of the American Society for Mass Spectrometry | 2024 | Dec 1, 2025 |
| 36688502 DOI ↗ | Unified and Standardized Mass Spectrometry Data Processing in Python Using spectrum_utils. | Bittremieux, Wout ...5 more... Dorrestein, Pieter C | 1.9 17 | 1.1 39 | 13 | 6.5 | Journal of proteome research | 2023 | Dec 1, 2025 |
| 40020666 DOI ↗ | The International Space Station has a unique and extreme microbial and chemical environment drive... | Salido, Rodolfo A ...23 more... Knight, Rob | 0 | 22. 61 2 | 4 | 4 | Cell | 2025 | Dec 1, 2025 |

Publications (cumulative)

Total: 8





Notes

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

SJR [Scimago Journal Rank](#) [↗](#)

</> Repositories

Software repositories associated with this project.

Built on Dec 11, 2025

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

| name | Description | language | Last Commit | marks | commits | Issues | PRs | Issue Avg | PR Avg | closed | bugs | functions | dependencies | references | languages |
|------|-------------|----------|-------------|-------|---------|--------|-----|-----------|--------|--------|------|-----------|--------------|------------|-----------|
|------|-------------|----------|-------------|-------|---------|--------|-----|-----------|--------|--------|------|-----------|--------------|------------|-----------|

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.