



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.

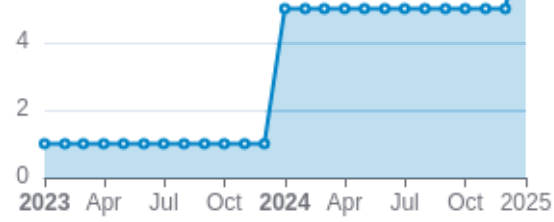
| ID | Title | Authors | RC R | SJR | Cita tion s | Cit. /ye ar | Journal | Pub lish ed | Upda ted |
|---|--|--|----------------|----------------|-------------------|-------------------|--|-------------------|--------------|
| 38471500  DOI  | The underappreciated diversity of bile acid modifications. | Mohanty, Ipsita ...26 more... Dorrestein, Pieter C | 26. 69 2 | 22. 61 2 | 119 | 119 | Cell | 2024 | Dec 28, 2025 |
| 38769143  DOI  | Reproducible mass spectrometry data processing and compound annotation in MZmine 3. | Heuckeroth, Steffen ...17 more... Pluskal, Tomáš | 19. 76 7 | 5.8 54 | 58 | 58 | Nature protocols | 2024 | Dec 28, 2025 |
| 40355727  DOI  | A universal language for finding mass spectrometry data patterns. | Damiani, Tito ...72 more... Wang, Mingxun | 11. 99 9 | 17. 25 1 | 24 | 24 | Nature methods | 2025 | Dec 28, 2025 |
| 38918178  DOI  | Leptochelins A-C, Cytotoxic Metallophores Produced by Geographically Dispersed <i>Leptothoe</i> S... | Avalon, Nicole E ...28 more... Gerwick, William H | 5.2 76 | 5.5 54 | 16 | 16 | Journal of the American Chemical Society | 2024 | Dec 28, 2025 |

| | | | | | | | | | |
|--|--|---|-------|--------|----|----|---|------|--------------|
| 40021805 DOI ↗ | A guide to reverse metabolomics-a framework for big data discovery strategy. | Charron-Lamoureux, Vincent ...13 more... Dorrestein, Pieter C | 3.999 | 5.854 | 8 | 8 | Nature protocols | 2025 | Dec 28, 2025 |
| 38830143 DOI ↗ | ModiFinder: Tandem Mass Spectral Alignment Enables Structural Modification Site Localization. | Shahneh, Mohammad Reza Zare ...10 more... Wang, Mingxun | 3.802 | 0.704 | 15 | 15 | Journal of the American Society for Mass Spectrometry | 2024 | Dec 28, 2025 |
| 40020666 DOI ↗ | The International Space Station has a unique and extreme microbial and chemical environment drive... | Salido, Rodolfo A ...23 more... Knight, Rob | 2.5 | 22.612 | 5 | 5 | Cell | 2025 | Dec 28, 2025 |
| 36688502 DOI ↗ | Unified and Standardized Mass Spectrometry Data Processing in Python Using spectrum_utils. | Bittremieux, Wout ...5 more... Dorrestein, Pieter C | 2.031 | 1.139 | 14 | 7 | Journal of proteome research | 2023 | Dec 28, 2025 |

Publications (cumulative)

Total: 8





Notes

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

SJR [Scimago Journal Rank](#) [↗](#)

</> Repositories

Software repositories associated with this project.

Built on Jan 19, 2026

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

| Name | Description | Language | Last Commit | Stars | Forks | Commits | Issues | PRs | Avg Age | Avg Time to Close | # of Dependencies | License | URL |
|------|-------------|----------|-------------|-------|-------|---------|--------|-----|------------|----------------------------|----------------------|---------|-----|
| | | | | | | | | | | | | | |

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.