



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

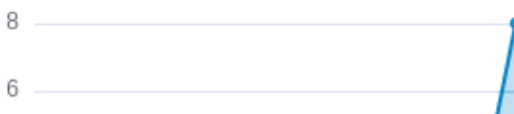
Published works associated with this project.

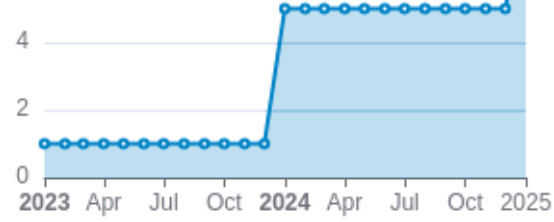
ID	Title	Authors	RC R	SJR	Cita tion s	Cit. /ye ar	Journal	Pub lish ed	Upda ted
38471500  DOI 	The underappreciated diversity of bile acid modifications.	Mohanty, Ipsita ...26 more... Dorrestein, Pieter C	26. 69 2	22. 61 2	119	119	Cell	2024	Dec 28, 2025
38769143  DOI 	Reproducible mass spectrometry data 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 25, 2026

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

Name	Description	Language	Last Commit	Stars	Forks	Commits	Issues	PRs	Avg Age	Avg Time	# Builds	# Conf	Dependencies	References	Licenses

No data

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.
- Issue/PR Avg

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.

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.