

Resource Summary Report

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MZmine

RRID:SCR_012040

Type: Tool

Proper Citation

MZmine (RRID:SCR_012040)

Resource Information

URL: <http://mzmine.sourceforge.net/>

Proper Citation: MZmine (RRID:SCR_012040)

Description: Software for mass-spectrometry data processing, with the main focus on LC-MS data.

Resource Type: software resource

Defining Citation: [PMID:20650010](#)

Keywords: standalone software

Availability: Open unspecified license

Resource Name: MZmine

Resource ID: SCR_012040

Alternate IDs: OMICS_02385

Record Creation Time: 20220129T080308+0000

Record Last Update: 20260725T190727+0000

Ratings and Alerts

No rating or validation information has been found for MZmine.

No alerts have been found for MZmine.

Data and Source Information

Usage and Citation Metrics

We found 846 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#) .

Anagho-Mattanovich M, et al. (2025) Multi-omics analysis of thermogenic lipolysis in brown adipocytes. *iScience*, 28(9), 113382.

Daniel EA, et al. (2025) Predictive metabolite signatures for risk of progression to active TB from QuantiFERON supernatants of household contacts of TB patients. *Emerging microbes & infections*, 14(1), 2437242.

Monge-Loría M, et al. (2025) Discovery of Peptidic Siderophore Degradation by Screening Natural Product Profiles in Marine-Derived Bacterial Mono- and Cocultures. *Biochemistry*, 64(3), 634.

Groppi E, et al. (2025) Unveiling the Substrate-Dependent Dynamics of Mycotoxin Production in *Fusarium verticillioides* Using an OSMAC-Metabolomics Approach. *Chemistry & biodiversity*, 22(1), e202401747.

Yadav HK, et al. (2025) Telomere-to-telomere genome assembly of linseed (*Linum usitatissimum* L.) for functional genomics and accelerated genetic improvement. *Plant biotechnology journal*, 23(9), 3919.

Jo SW, et al. (2025) Chemical Profiling and Immune-Stimulating Activity of Solvent Fractions Derived from Dietary *Chlorella*. *Journal of microbiology and biotechnology*, 35, e2503021.

Abdelhafez OH, et al. (2025) Cytotoxicity evaluation and metabolomic profiling of *Spheciospongia vagabunda*-associated fungi corroborated by in silico studies. *Scientific reports*, 15(1), 20115.

Borkunov GV, et al. (2025) Differences in Metabolite Profiles and Bioactivities of Intra-Strain Variants of Marine Fungus *Penicillium antarcticum* KMM 4668. *Metabolites*, 15(2).

Mihai RA, et al. (2025) Consequences of Volcanic Ash on Antioxidants, Nutrient Composition, Heavy Metal Accumulation, and Secondary Metabolites in Key Crops of Cotopaxi Province, Ecuador. *Toxics*, 13(2).

Bory A, et al. (2025) Miniaturized high-throughput conversion of fungal strain collections into chemically characterized extract libraries for antimicrobial discovery. *Frontiers in chemistry*, 13, 1630332.

Abdelhady EM, et al. (2025) Unveiling the cytotoxicity of Red Sea *Moorena producens* via LC-QTOF-MS/MS chemical profiling, network pharmacology, and molecular docking. *Pharmaceutical biology*, 63(1), 549.

Sas E, et al. (2025) Untargeted metabolomics reveals anion and organ-specific metabolic responses of salinity tolerance in willow. *The Plant journal : for cell and molecular biology*, 122(1), e70160.

Kirchhoffer OA, et al. (2025) Prioritization of novel anti-infective stilbene derivatives by combining metabolomic data organization and a stringent 3R-infection model in a knowledge graph. *RSC advances*, 15(17), 13010.

Kazlauckas J, et al. (2025) Exploring the Discrepancies in the Biological Activities of Extracts From *Guadua angustifolia* Var. *Bicolor* Londoño Collected in Two Different Sites. *Chemistry & biodiversity*, 22(9), e202500174.

Cong B, et al. (2025) Colon cancer cells evade drug action by enhancing drug metabolism. *Oncogene*, 44(36), 3284.

Sontowski R, et al. (2025) Natural Resistance to and Attraction of the Cabbage Root Fly (*Delia radicum*) in Oilseed Rape Accessions. *Journal of agricultural and food chemistry*, 73(28), 17494.

Zhang J, et al. (2025) In vitro bioactivity and metabolomics of green tea processed from raw materials of different. *Current research in food science*, 10, 101076.

Kim H, et al. (2025) Spatially structured bacterial interactions alter algal carbon flow to bacteria. *The ISME journal*, 19(1).

Peek J, et al. (2025) Environmental resistome-guided development of resistance-tolerant antibiotics. *Proceedings of the National Academy of Sciences of the United States of America*, 122(21), e2504781122.

Lei H, et al. (2025) Multiomics analysis unveils key biomarkers during dynamic progress of IAV infection in mice. *Frontiers in immunology*, 16, 1566690.