Resource Summary Report

Generated by T1D on Aug 3, 2026

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: 20260801T190434+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

Source: SciCrunch Registry

Usage and Citation Metrics

We found 846 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

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

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.

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.

Laro J, et al. (2025) Severe acute respiratory syndrome coronavirus 2 infection unevenly impacts metabolism in the coronal periphery of the lungs. iScience, 28(2), 111727.

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).

Buitrago-Villanueva I, et al. (2025) Specialized Metabolite Profiling-Based Variations of Watercress Leaves (Nasturtium officinale R.Br.) from Hydroponic and Aquaponic Systems. Molecules (Basel, Switzerland), 30(2).

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.

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.

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

Zemmel ZM, et al. (2025) Early-life gut microbiome maturity regulates blood-brain barrier and cognitive development. Gut microbes, 17(1), 2551879.

Egede Frøkjær E, et al. (2025) Large-scale generation of in silico based spectral libraries to annotate dark chemical space features in non-target analysis. Analytical and bioanalytical chemistry, 417(27), 6107.

Robes JMD, et al. (2025) Inverse stable isotope probing-metabolomics (InverSIP) identifies an iron acquisition system in a methane-oxidizing bacterial community. Proceedings of the National Academy of Sciences of the United States of America, 122(36), e2507323122.

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.

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

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.

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.

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.