

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: 20260815T182428+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 964 mentions in open access literature.

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

Bernard MJ, et al. (2026) OGDHL Promotes Prostate Cancer Progression and Regulates Neuroendocrine Marker Expression and Nucleotide Abundance. *Molecular cancer research : MCR*, 24(5), 356.

Rutz A, et al. (2026) MultiMS2: A curated multi-modal, multi-energy spectral library for metabolomics. *GigaScience*, 15.

Singh M, et al. (2026) Chromosome-level genome assembly of *Tamarindus indica* provides new insights into the evolution of triterpenes and tartaric acid biosynthetic pathway. *Molecular horticulture*, 6(1).

Arora A, et al. (2026) Metabolomic signatures of SSRI exposure during neural differentiation and correlation of lysophosphatidylcholines with early symptoms of neurodevelopmental disorders. *EBioMedicine*, 128, 106291.

da Silva EG, et al. (2026) Seasonal Variation of a New Brazilian Greenish-Brown Propolis Type: Chemical Composition and Antioxidant, Antimicrobial, and Antileishmanial Activities. *Molecules (Basel, Switzerland)*, 31(9).

Punnamraju P, et al. (2026) Toxicometabolomics Characterization of Two N1-Sulfonated Dimethyltryptamine Derivatives in Zebrafish Larvae and Human Liver S9 Fractions Using Liquid Chromatography-High-Resolution Mass Spectrometry. *Metabolites*, 16(2).

de Souza Mazucato V, et al. (2026) GNPS2 molecular networking reveals metabolic diversity in fungi isolated from protease-rich fruits. *Natural products and bioprospecting*, 16(1).

Kato NN, et al. (2026) Microbial Chemical Diversity and Cytotoxic Potential From Brazilian Ferruginous Caves: A Pioneering Metabolomic Survey. *Chemistry & biodiversity*, 23(1), e02912.

El Shamieh S, et al. (2026) Vitamin D status and *Helicobacter pylori* infection: clinical associations and lipid pathway differences in an exploratory metabolomics sub-study. *Frontiers in nutrition*, 13, 1812874.

Carvalho ARV, et al. (2026) Unveiling the Molecular Profile and Antiviral Potential of *Costus arabicus* L. Against Zika Virus. *Chemistry & biodiversity*, 23(2), e03147.

Otani H, et al. (2026) Salt supplementation-induced metabolic reprogramming in *Streptomyces coelicolor*. *mSystems*, 11(3), e0171825.

Naimi A, et al. (2026) Native Metabolomics Unveils Suomilide Analogs with Potent Trypsin Inhibitory Activity. *Journal of natural products*, 89(4), 1148.

Tolio B, et al. (2026) Constitutive Metabolite Profiling of European and Asian Fraxinus with Varying Susceptibility to Ash Dieback. *Journal of chemical ecology*, 52(1), 8.

Myszko M, et al. (2026) Plasma lipid remodeling during the early recovery phase after myocardial infarction. *Scientific reports*, 16(1).

Lima GS, et al. (2026) Chemical diversity and species differentiation in Brazilian Vanilla: insights from LC-HRMS/MS metabolomics. *Metabolomics : Official journal of the Metabolomic Society*, 22(2).

Chen H, et al. (2026) An integrated annotation strategy for the phytochemical characterization of Xie-Bai-San decoction based on UPLC-Q Exactive Orbitrap HRMS, multi-database screening, and feature-based molecular networking. *Frontiers in chemistry*, 14, 1848728.

Habib MR, et al. (2026) Therapeutic potential of crude protein extracts from two Egyptian freshwater snails *Lanistes carinatus* and *Bellamya unicolor*. *Scientific reports*, 16(1).

Ferr?? C, et al. (2026) Multiscale insights into biofilm development on hydrophobic fouling-release coatings. *Scientific reports*, 16(1), 7118.

Chatzopoulou MS, et al. (2026) Development of a novel humanized gut-brain axis model as a tool toward personalized nutrition. *Communications biology*, 9(1), 73.

Eissa AY, et al. (2026) Unveiling the cytotoxic potential of four *Callistemon* fruit extracts against breast and colon cancer: a combined metabolomic and in silico approach. *BMC complementary medicine and therapies*, 26(1), 29.