Resource Summary Report

Generated by T1D on Aug 1, 2026

mzCloud

RRID:SCR_014669
Type: Tool

Proper Citation

mzCloud (RRID:SCR_014669)

Resource Information

URL: https://www.mzcloud.org

Proper Citation: mzCloud (RRID:SCR_014669)

Description: A mass spectral database that assists in identifying compunds in life sciences, matabolomics, pharmaceutical research, toxicology, forensic investigations, environemnta analysis, food control, and industry.

Synonyms: mzCloud - Advanced Mass Spectral Database

Resource Type: data or information resource, database

Keywords: database, mass spectrometry, spectra, metabolomics, pharmaceutical, toxicology, FASEB list

Availability: Free online access

Resource Name: mzCloud

Resource ID: SCR_014669

Alternate IDs: r3d100012313

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260729T044333+0000

Ratings and Alerts

No rating or validation information has been found for mzCloud.

No alerts have been found for mzCloud.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1218 mentions in open access literature.

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

Li J, et al. (2026) Effects of drying processes on the chemical and physical properties of safflower: Towards a multidimensional quality evaluation model. PloS one, 21(1), e0339180.

Xu J, et al. (2026) Omnivorous feeding modulates meat quality and flavor in Xinghua and White Recessive Rock chickens: A metabolomic exploration of breed-specific metabolic pathways. Poultry science, 105(1), 106211.

Wang H, et al. (2026) Effects of Lactiplantibacillus Plantarum fermented feed on meat quality and lipid metabolism of broilers. Poultry science, 105(1), 106099.

Zhang Y, et al. (2026) Modulation of intestinal health and metabolism by dietary Portulaca oleracea L. extract enhances growth performance, immune function, and meat quality in Wenchang chickens. Poultry science, 105(1), 106098.

Luo W, et al. (2025) Perfluoropentane-based oxygen-loaded nanodroplets reduce microglial activation through metabolic reprogramming. Neural regeneration research, 20(4), 1178.

Fang Z, et al. (2025) Metabolomic and lipidomic profiling of plasma in kidney stone patients: identification of potential biomarkers and therapeutic targets. Metabolomics : Official journal of the Metabolomic Society, 21(5), 117.

Wu L, et al. (2025) Mesaconic acid as a key metabolite with anti-inflammatory and anti-aging properties produced by Lactobacillus plantarum 124 from centenarian gut microbiota. NPJ biofilms and microbiomes, 11(1), 165.

Chen S, et al. (2025) Network pharmacology and experimental validation to elucidate the pharmacological mechanisms of Guben Xiezhuo decoction against renal fibrosis. Scientific reports, 15(1), 30479.

Giles BM, et al. (2025) Utilizing Serum-Derived Lipidomics with Protein Biomarkers and Machine Learning for Early Detection of Ovarian Cancer in the Symptomatic Population. Cancer research communications, 5(9), 1516.

La Gioia D, et al. (2025) Leveraging the potential of 1.0-mm i.d. columns in UHPLC-HRMS-based untargeted metabolomics. Analytical and bioanalytical chemistry, 417(13), 2837.

Elewaut A, et al. (2025) Cancer cells impair monocyte-mediated T cell stimulation to evade immunity. Nature, 637(8046), 716.

Zheng Y, et al. (2025) Identification of Nicotinic Acetylcholine Receptor for N-Acetylcysteine to Rescue Nicotine-induced Injury Using Beating??Cilia in Primary Tissue Derived Airway Organoids. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(1), e2407054.

Meng X, et al. (2025) Integrated serum metabolomics and network pharmacology reveal molecular mechanism of Qixue Huazheng formula on peritoneal fibrosis. Frontiers in pharmacology, 16, 1515038.

Yadollahi P, et al. (2025) Bypassing cisplatin resistance in Nrf2 hyperactivated head and neck cancer through effective PI3Kinase targeting. bioRxiv : the preprint server for biology.

Huang D, et al. (2025) Effects of azithromycin on alleviating airway inflammation in asthmatic mice by regulating airway microbiota and metabolites. Microbiology spectrum, 13(3), e0221724.

Hay A, et al. (2025) Legionella pneumophila subverts the antioxidant defenses of its amoeba host Acanthamoeba castellanii. Current research in microbial sciences, 8, 100338.

Hu W, et al. (2025) CYP3A5 promotes glioblastoma stemness and chemoresistance through fine-tuning NAD+/NADH ratio. Journal of experimental & clinical cancer research : CR, 44(1), 3.

Al-Nemi R, et al. (2025) Comprehensive Metabolomics Profiling and Bioactivity Study of Lycium shawii (Awsaj) Extracts with Particular Emphasis on Potential Anti-Malarial Properties. Metabolites, 15(2).

Zhang R, et al. (2025) Metabolomics Analysis Reveals Characteristic Functional Components in Pigeon Eggs. Metabolites, 15(2).

Wu Z, et al. (2025) Microbiota contribute to regulation of the gut-testis axis in seasonal spermatogenesis. The ISME journal, 19(1).