

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

[mzCloud](#)

RRID:SCR_014669

Type: Tool

Proper Citation

mzCloud (RRID:SCR_014669)

Resource Information

URL: <https://www.mzcloud.org>

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

Synonyms: mzCloud - Advanced Mass Spectral Database

Resource Type: database, data or information resource

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: 20260808T190436+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

Usage and Citation Metrics

We found 1749 mentions in open access literature.

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

Ma Y, et al. (2026) Comparison of Gut Microbiota and Metabolic Characteristics Between Miechongshu-Treated and Untreated Yili Horses. *Animals : an open access journal from MDPI*, 16(7).

Wang Q, et al. (2026) Calcium supply promotes seed germination in Tartary buckwheat (*Fagopyrum tataricum*) by mediating amino acid and lipid metabolism to drive osmotic regulation and antioxidant responses. *BMC plant biology*, 26(1).

Wang Y, et al. (2026) Enterocytes rely on purine biosynthesis/salvage pathway to facilitate dietary fat absorption. *Nature communications*, 17(1).

Baek S, et al. (2026) Lancemaside A Derived from *Codonopsis lanceolata* Shoots Modulates the Immunostimulatory Responses by Enhancing TLR4 Signaling Pathway in RAW 264.7 Macrophages. *Journal of microbiology and biotechnology*, 36, e2510044.

Yin J, et al. (2026) Integrated Physiological, Transcriptomic and Metabolomic Analyses Provide Insights into the Adaptive Mechanism of *Salix viminalis* Roots in Response to Cadmium Stress. *Plants (Basel, Switzerland)*, 15(7).

Huang Y, et al. (2026) SHP-1 agonist SC-43 limits methicillin-resistant *Staphylococcus aureus* infection through inhibition of heme biosynthesis. *EMBO molecular medicine*, 18(5), 1990.

Zheng C, et al. (2026) ICAM-1 identifies preadipocytes and restricts white adipogenesis by adhering immune cells. *Cell death and differentiation*, 33(2), 298.

Mahayasih PGMW, et al. (2026) Targeting Skin Aging at Multiple Fronts: Integrated In Silico and In Vitro Evidence of Antioxidant, Anti-Protease, and UVB-Protective Effects of *Vitex trifolia*. *International journal of molecular sciences*, 27(4).

Zhang X, et al. (2026) TRMT6 mitigates susceptibility and progression of DSS-induced colitis multifacetedly via translational regulation. *Scientific reports*, 16(1), 6809.

Zheng Z, et al. (2026) Comprehensive Analysis of Metabolome and Transcriptome Reveals Physiological Processes Related to Larval Development of Barnacles (*Megabalanus volcano*). *Animals : an open access journal from MDPI*, 16(3).

Zhu X, et al. (2026) Licorice Flavonoid Extract Ameliorates Intestine Damage in Ulcerative Colitis via MAPK/NF- κ B Signaling Modulation and Gut Microbiome Remodeling. *Foods (Basel, Switzerland)*, 15(4).

Goldberg L, et al. (2026) Immunometabolic determinants of long-term response in leukemia patients receiving CD19 CAR T cell therapy. *Nature communications*, 17(1).

- Zhang M, et al. (2026) Dopamine enhances surface glial glycolysis via acetylcholine and insulin/insulin-like growth factor signaling in the honeybee. *iScience*, 29(3), 114947.
- Lin D, et al. (2026) Identification of Citri Reticulatae Pericarpium (Chenpi) From Different Cultivars via LC-MS/MS and UPLC Coupled With Multivariate Chemometrics Analysis. *Food science & nutrition*, 14(3), e71591.
- Mei J, et al. (2026) Osteocytic Pink1/Prkn modulates M6P metabolism and contributes to GC-induced bone loss. *Journal of orthopaedic translation*, 58, 101103.
- Elsborg SH, et al. (2026) Plasma Metabolomics Reveals a Shared Metabolomic Profile in Experimental and Human Chronic Kidney Disease. *Toxins*, 18(5).
- Yu J, et al. (2026) Characterizing the metabolomes of microglia, astrocytes and neurons in ageing and Alzheimer's brains. *Nature cell biology*, 28(5), 1031.
- Wang Y, et al. (2026) Identification of salivary lipid biomarkers for noninvasive diagnosis of reflux esophagitis via UHPLC-MS-based lipidomics. *Metabolomics : Official journal of the Metabolomic Society*, 22(3).
- Wu Y, et al. (2026) Multi-omics analysis identifies gut microbiota-glutamine axis contributing to the pathogenesis of reflux esophagitis. *Frontiers in microbiology*, 17, 1805181.
- Sreekala D, et al. (2026) First report of therapeutic investigation and metabolic profiling of edible mushroom *Agaricus flocculosipes*. *AMB Express*, 16(1).