

Resource Summary Report

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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 compounds in life sciences, metabolomics, pharmaceutical research, toxicology, forensic investigations, environmental 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

Usage and Citation Metrics

We found 1218 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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.

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

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.

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.

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).

Wang X, et al. (2025) Alterations in bile acid metabolites associated with pathogenicity and IVIG resistance in Kawasaki disease. Frontiers in cardiovascular medicine, 12, 1549900.

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.

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.

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

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.

Li Q, et al. (2025) Metabolomics and transcriptomics analyses reveal the complex molecular mechanisms by which the hypothalamus regulates sexual development in female goats. *BMC genomics*, 26(1), 303.

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

Pattanavongsawat C, et al. (2025) Enhancing Plant Resistance to Sri Lankan Cassava Mosaic Virus Using Salicylic Acid. *Metabolites*, 15(4).

Zhao C, et al. (2025) Transcriptome and metabolome analysis of the responses of salt resistance of different *Helianthus annuus* germplasms to melatonin. *Frontiers in plant science*, 16, 1558877.

Kumari M, et al. (2025) Urine metabolite profiling in Indian males exposed to high-altitude: a longitudinal pilot study. *Scientific reports*, 15(1), 16981.

Chen Y, et al. (2025) Multi-omics integrated analysis reveals the impact of cytokinin on sex differentiation in industrial hemp. *AoB PLANTS*, 17(2), plaf019.

Hong Y, et al. (2025) Early Prediction of Septic Shock in Emergency Department Using Serum Metabolites. *Journal of the American Society for Mass Spectrometry*, 36(6), 1264.

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.