

# Resource Summary Report

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## mzCloud

RRID:SCR\_014669

Type: Tool

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### Proper Citation

mzCloud (RRID:SCR\_014669)

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### 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:** 20260919T195734+0000

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### Ratings and Alerts

No rating or validation information has been found for mzCloud.

No alerts have been found for mzCloud.

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### 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 [nidm-terms](#) .

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

Yan R, et al. (2026) Injectable microgels loaded with programmable WELNs based on mendelian randomization macroanalysis alleviate osteoarthritis by restoring the circadian rhythm. *Bioactive materials*, 56, 483.

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.

Li X, et al. (2026) INSIG1 parallel substitution drives lipid/sterol metabolic plasticity mediating desert adaptation in ungulates. *Communications biology*, 9(1), 245.

Yu H, et al. (2026) Exploring the mechanism of Kemofang in treating idiopathic membranous nephropathy based on LC-MS/MS combined with network pharmacology, molecular docking, and molecular dynamics simulation. *Scientific reports*, 16(1), 1985.

Yu X, et al. (2026) Bacterial vesicles from intratumoral *L. salivarius* enhance PD-1 blockade via FPR1-mediated macrophage polarization in gastric cancer. *Cell reports. Medicine*, 7(2), 102621.

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).

Flörl L, et al. (2026) Grape expectations: disentangling environmental drivers of microbiome establishment in winegrowing ecosystems. *NPJ biofilms and microbiomes*, 12(1), 49.

Allega MF, et al. (2026) Steroid-dependent metabolic rewiring reveals novel therapeutic and imaging approaches for glioblastoma. *Science advances*, 12(4), eadx6539.

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

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).

Tchana NI, et al. (2026) Insight into the mechanism of *Galega orientalis* Lam. flavonoid extract in improving broiler meat antioxidative status and altering gut microbiota through

network pharmacology. Poultry science, 105(5), 106486.

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

Liang Y, et al. (2026) Xiaoyao San alleviates emotional distress - induced TNBC growth through augmenting intratumoral CD8+T cell infiltration mediated by Rela/NF-kB-Cxcl9 axis. Frontiers in immunology, 17, 1762492.

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

Zhang Y, et al. (2026) A microbiota-IPA axis facilitates intestinal stem cell-mediated regeneration in colitis through a Hopx-associated program. Nature communications, 17(1).

Spaggiari L, et al. (2026) Untargeted Metabolomic Analysis of Cell-Free Supernatants (CFSS) from Different Clinical Isolates of *Saccharomyces cerevisiae* and Their Effects on *Candida albicans* Virulence. Journal of fungi (Basel, Switzerland), 12(2).

Wang G, et al. (2026) Effects of tacrolimus treatment on the gut microbiota and metabolites in liver transplant recipients. PloS one, 21(2), e0343817.

Sreekala D, et al. (2026) First report of therapeutic investigation and metabolic profiling of edible mushroom *Agaricus flocculosipes*. AMB Express, 16(1).

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).