Resource Summary Report

Generated by NIF on Apr 17, 2025

XCMS

RRID:SCR_015538
Type: Tool

Proper Citation

XCMS (RRID:SCR_015538)

Resource Information

URL: https://xcmsonline.scripps.edu

Proper Citation: XCMS (RRID:SCR_015538)

Description: Cloud-based mass spectrometry data processing platform for metabolomics and lipidomics.

Synonyms: XCMS Online

Resource Type: database, data or information resource

Keywords: platform, metabolomics, lipidomics, mass spectrometry, mass spectrometry platform, FASEB list

Funding:

Availability: Available for purchase

Resource Name: XCMS

Resource ID: SCR_015538

License URLs: https://xcmsonline.scripps.edu/landing_page.php?pgcontent=termsOfUse https://xcmsonline.scripps.edu/landing_page.php?pgcontent=privacyPolicy

Record Creation Time: 20220129T080326+0000

Record Last Update: 20250412T055946+0000

Ratings and Alerts

No rating or validation information has been found for XCMS.

No alerts have been found for XCMS.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1514 mentions in open access literature.

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

Zheng C, et al. (2025) Integrative Omics Analysis Reveals Mechanisms of Anthocyanin Biosynthesis in Djulis Spikes. Plants (Basel, Switzerland), 14(2).

Yuan JD, et al. (2025) Heat Tolerance Differences Between Hu Sheep and Hu Crossbred Sheep in Microbial Community Structure and Metabolism. Metabolites, 15(1).

Thaitumu MN, et al. (2025) LC-MS-Based Global Metabolic Profiles of Alternative Blood Specimens Collected by Microsampling. Metabolites, 15(1).

Hou CC, et al. (2025) Specific plasma metabolite profile in intestinal Behçet's syndrome. Orphanet journal of rare diseases, 20(1), 21.

Wu W, et al. (2025) Modulation of glymphatic system by visual circuit activation alleviates memory impairment and apathy in a mouse model of Alzheimer's disease. Nature communications, 16(1), 63.

Wang J, et al. (2025) Characteristic alterations of gut microbiota and serum metabolites in patients with chronic tinnitus: a multi-omics analysis. Microbiology spectrum, 13(1), e0187824.

Li T, et al. (2025) Free-caged rearing modes regulate chicken intestinal metabolism by influencing gut microbial homeostasis. Poultry science, 104(1), 104381.

He M, et al. (2025) Metabolomics and Transcriptomics Reveal the Effects of Different Fermentation Times on Antioxidant Activities of Ophiocordyceps sinensis. Journal of fungi (Basel, Switzerland), 11(1).

Tan B, et al. (2025) Combining untargeted and targeted metabolomic profiling reveals principal differences between osteopenia, Osteoporosis and healthy controls. Aging clinical and experimental research, 37(1), 28.

Kolnes KJ, et al. (2025) Effects of seven days' fasting on physical performance and metabolic adaptation during exercise in humans. Nature communications, 16(1), 122.

Shao Y, et al. (2025) Cordycepin affects Streptococcus mutans biofilm and interferes with its metabolism. BMC oral health, 25(1), 25.

Liu Q, et al. (2025) Integrated transcriptome and metabolome analysis of liver reveals unsynchronized growth mechanisms in blunt-snout bream (Megalobrama amblycephala). BMC genomics, 26(1), 30.

Ancel L, et al. (2025) Metabolomics identifies plasma biomarkers of localized radiation injury. Scientific reports, 15(1), 2166.

Pal Mahadevan V, et al. (2025) Preference for and resistance to a toxic sulfur volatile opens up a unique niche in Drosophila busckii. Nature communications, 16(1), 767.

Shan C, et al. (2025) Exploring the Mechanism of Clostridium autoethanogenum Protein for Broiler Growth Based on Gut Microbiota and Serum Metabolomics. Biology, 14(1).

Song XQ, et al. (2025) Copy number amplification of FLAD1 promotes the progression of triple-negative breast cancer through lipid metabolism. Nature communications, 16(1), 1241.

Geng J, et al. (2025) Moderate-intensity interval exercise exacerbates cardiac lipotoxicity in high-fat, high-calories diet-fed mice. Nature communications, 16(1), 613.

Liu C, et al. (2025) A chromosome-scale genome assembly of the pioneer plant Stylosanthes angustifolia: insights into genome evolution and drought adaptation. GigaScience, 14.

Ma Y, et al. (2025) Comparative metabolomics reveals eggshell translucency formation using LC-MS Analysis. Poultry science, 104(1), 104623.

Xiao M, et al. (2025) Influence of Drying Methods on the Morphological Features, Microstructural Properties, and Antioxidant Performance of Floccularia luteovirens: A Metabolomic Analysis. Journal of fungi (Basel, Switzerland), 11(1).