Resource Summary Report

Generated by SPARC SAWG on Sep 17, 2026

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: data or information resource, database

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

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: 20260912T200216+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 2067 mentions in open access literature.

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

He P, et al. (2027) Key molecular networks underlying retinol's biphasic effects on cell proliferation through multi-omics integrative analysis using genome-scale metabolic modeling. Synthetic and systems biotechnology, 15, 43.

Yang J, et al. (2026) Temporal Metabolomics Profiling Reveals Liver Metabolic Control in Single and Repeated Exhaustive Exercise in Murine Models. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(9), e71868.

Li D, et al. (2026) Artificial intelligence-driven integration of multi-biofluid omics and clinical phenotype enables stratification of endometrial cancer. Cell reports. Medicine, 7(6), 102805.

Goodin DA, et al. (2026) Glioblastoma region-specific metabolic signatures reflect patient survival duration. Journal of neuro-oncology, 177(3).

Meng Y, et al. (2026) Comprehensive transcriptomic and metabolomic analysis provides insight into transportation stress effects on fish muscle quality. NPJ science of food, 10(1), 44.

Varghese RS, et al. (2026) Machine Learning-Based Multi-Omics Integration for Identification of Hepatocellular Carcinoma Biomarkers in an Egyptian Cohort. Journal of proteome research, 25(2), 869.

Hu S, et al. (2026) Effects of aerobic exercise on inflammation and gut microbiota in obese mice: a metagenomic and metabolomic analysis. Journal of translational medicine, 24(1).

Prete A, et al. (2026) Endocrine and metabolic determinants of cardiometabolic risk in mild autonomous cortisol secretion. EBioMedicine, 124, 106126.

Ma J, et al. (2026) Early Growth and Serum Metabolic Profiling of One-Month-Old MSTN-Knockout Xinjiang Brown Cattle via CRISPR/Cas12Mix. Animals : an open access journal from MDPI, 16(4).

Nan Y, et al. (2026) Targeting de novo pyrimidine synthesis confers vulnerability to copper-mediated ATR inactivation in PARP inhibitor-resistant ovarian cancer. Nature communications, 17(1).

Zhang R, et al. (2026) Multi-Omics Analyses Reveal Metabolic Alterations Regulated by Orf Virus in Primary Ovine Fetal Turbinate Cells. Viruses, 18(2).

Zhu K, et al. (2026) Integrated metabolome and microbiome analysis deciphers the effects of resveratrol and ?-hydroxy-?-methylbutyric acid on jejunal function under different

protein levels in Tibetan sheep. Microbiology spectrum, 14(3), e0284325.

Sanchez CP, et al. (2026) Mechanisms of PfDNMT2 inhibition and PfATP6-mediated resistance to the antimalarial candidate SC83288 in Plasmodium falciparum. Nature communications, 17(1).

Barrett DP, et al. (2026) Ultra-Violet Induced Biochemical Changes in an Invasive Weed and their Implications for Plant-Biocontrol Agent Interactions. Journal of chemical ecology, 52(2).

Capatina AL, et al. (2026) Artemether and Euphorbia factor L9 suppress kynurenine production through distinct effects on tryptophan metabolism. The Biochemical journal, 483(4), 541.

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).

Gou W, et al. (2026) Integrative transcriptomic and metabolomic analysis reveals key genes and regulatory networks underlying seed germination in Polygonatum sibiricum. BMC genomics, 27(1).

Wang B, et al. (2026) Multi-omics-based metabolomic kinetics study of corn stover fermented by combined probiotic and enzymatic treatment. BMC microbiology, 26(1).

Wang Y, et al. (2026) Enhancement of Disease Resistance in Pengze Crucian Carp (Carassius auratus var. Pengze) by Carvacrol Through Modulation of Intestinal Microbiota and Serum Metabolism. Metabolites, 16(3).

Xu W, et al. (2026) Integrating metabolomics and machine learning with in silico analysis to identify early biomarkers and molecular interactions in sepsis-associated acute kidney injury. Scientific reports, 16(1).