Resource Summary Report

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Agilent MassHunter WorkStation - Qualitative Analysis for GC/MS

RRID:SCR_016657
Type: Tool

Proper Citation

Agilent MassHunter WorkStation - Qualitative Analysis for GC/MS (RRID:SCR_016657)

Resource Information

URL: https://www.agilent.com/en/products/software-informatics/masshunter-suite/masshunter-qualitative-analysis-gcms

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Description: Software tools for compound-centric data mining and navigation. Used to identify compounds in overlapping and co-eluting peaks with feature extraction and correlation algorithms for chromatographic separation. Used for separating true signals from noise.

Resource Type: data analysis software, software resource, data acquisition software, software application, data processing software, data analytics software, software toolkit

Keywords: compound, centric, data, mining, navigation, chromatic, separation, coeluting, peak, signal, noise, mass, spectrometry, analysis, qualitative

Resource Name: Agilent MassHunter WorkStation - Qualitative Analysis for GC/MS

Resource ID: SCR_016657

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260728T043520+0000

Ratings and Alerts

No rating or validation information has been found for Agilent MassHunter WorkStation - Qualitative Analysis for GC/MS.

No alerts have been found for Agilent MassHunter WorkStation - Qualitative Analysis for GC/MS.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 733 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Graziani V, et al. (2025) SLC7A11 protects amoeboid-disseminating cancer cells from oxidative stress. Cell reports, 44(7), 115939.

Raig ND, et al. (2025) Type II kinase inhibitors that target Parkinson's disease-associated LRRK2. Science advances, 11(23), eadt2050.

Raig ND, et al. (2025) Type-II kinase inhibitors that target Parkinson's Disease-associated LRRK2. bioRxiv : the preprint server for biology.

Dederer V, et al. (2024) A designed ankyrin-repeat protein that targets Parkinson's disease-associated LRRK2. The Journal of biological chemistry, 300(7), 107469.

Fennine C, et al. (2024) Diel rhythm of volatile emissions from males and females of the olive fruit fly Bactrocera oleae using PTR-ToF and GC-MS. Journal of insect physiology, 153, 104596.

Sanz Murillo M, et al. (2023) Inhibition of Parkinson's disease-related LRRK2 by type I and type II kinase inhibitors: Activity and structures. Science advances, 9(48), eadk6191.

Kiss É, et al. (2023) Chlorophyll biosynthesis under the control of arginine metabolism. Cell reports, 42(11), 113265.

Barbieri L, et al. (2023) Lactate exposure shapes the metabolic and transcriptomic profile of CD8+ T cells. Frontiers in immunology, 14, 1101433.

Robbins L, et al. (2023) Heterologous production of the D-cycloserine intermediate O-acetyl-L-serine in a human type II pulmonary cell model. Scientific reports, 13(1), 8551.

Solta A, et al. (2023) Entinostat Enhances the Efficacy of Chemotherapy in Small Cell Lung Cancer Through S-phase Arrest and Decreased Base Excision Repair. Clinical cancer research : an official journal of the American Association for Cancer Research, 29(22), 4644.

Cna'ani A, et al. (2021) Phylogeny and abiotic conditions shape the diel floral emission patterns of desert Brassicaceae species. Plant, cell & environment, 44(8), 2656.

Syed S, et al. (2021) Streptococcus pneumoniae pneumolysin and neuraminidase A convert high-density lipoproteins into pro-atherogenic particles. iScience, 24(6), 102535.

Gutierrez D, et al. (2020) Antibiotic-induced gut metabolome and microbiome alterations increase the susceptibility to Candida albicans colonization in the gastrointestinal tract.

FEMS microbiology ecology, 96(1).

Morcillo-Parra MÁ, et al. (2020) Effect of Several Nutrients and Environmental Conditions on Intracellular Melatonin Synthesis in Saccharomyces cerevisiae. Microorganisms, 8(6).

Chung YS, et al. (2020) Orthosiphon stamineus Proteins Alleviate Pentylenetetrazol-Induced Seizures in Zebrafish. Biomedicines, 8(7).

Sheu R, et al. (2020) Human transport of thirdhand tobacco smoke: A prominent source of hazardous air pollutants into indoor nonsmoking environments. Science advances, 6(10), eaay4109.

Wedekind R, et al. (2020) Metabolic Signatures of 10 Processed and Non-processed Meat Products after In Vitro Digestion. Metabolites, 10(7).

Zhang J, et al. (2020) Endothelial Lactate Controls Muscle Regeneration from Ischemia by Inducing M2-like Macrophage Polarization. Cell metabolism, 31(6), 1136.

Kurien A, et al. (2020) Acute Effect of a Protein Supplement on Targeted Plasma Amino Acid Profile among Healthy Asian Indians: A Randomized Controlled Trial. Journal of nutrition and metabolism, 2020, 8946820.

LaBarre JL, et al. (2020) Maternal lipid levels across pregnancy impact the umbilical cord blood lipidome and infant birth weight. Scientific reports, 10(1), 14209.