

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 processing software, software toolkit, data analytics software, data analysis software, software resource, software application, data acquisition software

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: 20260731T043012+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 [kravitz2](#) .

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.

Silva MC, et al. (2020) Prolonged tau clearance and stress vulnerability rescue by pharmacological activation of autophagy in tauopathy neurons. *Nature communications*,

11(1), 3258.

Santoro V, et al. (2020) SLC25A32 sustains cancer cell proliferation by regulating flavin adenine nucleotide (FAD) metabolism. *Oncotarget*, 11(8), 801.

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.

Vinale F, et al. (2020) Identification of the Main Metabolites of a Marine-Derived Strain of *Penicillium brevicompactum* Using LC and GC MS Techniques. *Metabolites*, 10(2).

Jako?i?nas T, et al. (2020) Programmable polyketide biosynthesis platform for production of aromatic compounds in yeast. *Synthetic and systems biotechnology*, 5(1), 11.

Gassler T, et al. (2020) The industrial yeast *Pichia pastoris* is converted from a heterotroph into an autotroph capable of growth on CO₂. *Nature biotechnology*, 38(2), 210.

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).

Geng C, et al. (2020) Metabolomic Profiling Revealed Potential Biomarkers in Patients With Moyamoya Disease. *Frontiers in neuroscience*, 14, 308.