

Resource Summary Report

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Profinder

RRID:SCR_017026

Type: Tool

Proper Citation

Profinder (RRID:SCR_017026)

Resource Information

URL: <https://www.agilent.com/en/products/software-informatics/masshunter-suite/masshunter-for-life-science-research/profinder-software>

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Description: Software tool as fast, batch processing feature extraction software for differential analysis that supports data from Agilent GC/MSD, GC/Q-TOF, LC/TOF and LC/Q-TOF instruments. Speeds up differential and flux analysis workflows using intuitive user interface. Used to analyze raw mass spectrometry data, choose peaks.

Synonyms: Profinder 8

Resource Type: software resource, software application, data analysis software, data processing software

Keywords: fast, batch, processing, feature, extraction, software, differential, analysis, Agilent, instrument, support, raw, mass, spectrometry, data

Availability: Commercially available

Resource Name: Profinder

Resource ID: SCR_017026

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260808T190041+0000

Ratings and Alerts

No rating or validation information has been found for Profinder.

No alerts have been found for Profinder.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Kataoka R, et al. (2026) Effects of Aspergillus oryzae-derived rice-koji protein on the sake metabolome. Applied and environmental microbiology, 92(3), e0195525.

Dias GF, et al. (2026) COVID-19 in hemodialysis patients: New insights into metabolomic profile dynamics from 60 days pre- to 60 days post-diagnosis. PloS one, 21(4), e0346687.

Petrick LM, et al. (2025) Molecular Reactivity in Maternal Pregnancy Blood and Neonatal Dried Blood Spots Is Associated with the Risk of Pediatric Acute Lymphoblastic Leukemia. Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology, 34(11), 1979.

Kulkarni AJ, et al. (2025) L-Phenylalanine is a metabolic checkpoint of human Th2 cells. Cell reports. Medicine, 6(12), 102466.

Kolli U, et al. (2023) Multi-omics analysis revealing the interplay between gut microbiome and the host following opioid use. Gut microbes, 15(2), 2246184.

Rafiei V, et al. (2023) Verticillium longisporum phospholipase VlsPLA2 is a virulence factor that targets host nuclei and modulates plant immunity. Molecular plant pathology, 24(9), 1078.

Edwinson AL, et al. (2022) Gut microbial β -glucuronidases regulate host luminal proteases and are depleted in irritable bowel syndrome. Nature microbiology, 7(5), 680.

Rathgeb A, et al. (2022) Combining iron affinity-based fractionation with non-targeted LC-ESI-TOFMS for the study of iron-binding molecules in dissolved organic matter. Metallomics : integrated biometal science, 14(10).

Lima MF, et al. (2022) Untargeted Metabolomics Studies of H9c2 Cardiac Cells Submitted to Oxidative Stress, β -Adrenergic Stimulation and Doxorubicin Treatment: Investigation of Cardiac Biomarkers. Frontiers in molecular biosciences, 9, 898742.

Bugsel B, et al. (2022) LC-HRMS screening of per- and polyfluorinated alkyl substances (PFAS) in impregnated paper samples and contaminated soils. Analytical and bioanalytical chemistry, 414(3), 1217.

Christia C, et al. (2022) Identification and semi-quantification of metabolites of new plasticizers in urine collected from flemish adults and children. Chemosphere, 307(Pt 2), 135781.

- Krisko TI, et al. (2020) Dissociation of Adaptive Thermogenesis from Glucose Homeostasis in Microbiome-Deficient Mice. *Cell metabolism*, 31(3), 592.
- Hughes JH, et al. (2019) Conditional targeting in mice reveals that hepatic homogentisate 1,2-dioxygenase activity is essential in reducing circulating homogentisic acid and for effective therapy in the genetic disease alkaptonuria. *Human molecular genetics*, 28(23), 3928.
- Halbrook CJ, et al. (2019) Macrophage-Released Pyrimidines Inhibit Gemcitabine Therapy in Pancreatic Cancer. *Cell metabolism*, 29(6), 1390.
- Wang L, et al. (2019) Metabolomics Study of Metabolic Changes in Renal Cells in Response to High-Glucose Exposure Based on Liquid or Gas Chromatography Coupled With Mass Spectrometry. *Frontiers in pharmacology*, 10, 928.
- Zhao Q, et al. (2019) Impaired clearance of sunitinib leads to metabolic disorders and hepatotoxicity. *British journal of pharmacology*, 176(13), 2162.
- Nuriel T, et al. (2017) Neuronal hyperactivity due to loss of inhibitory tone in APOE4 mice lacking Alzheimer's disease-like pathology. *Nature communications*, 8(1), 1464.
- Caparrós-Martín JA, et al. (2017) Statin therapy causes gut dysbiosis in mice through a PXR-dependent mechanism. *Microbiome*, 5(1), 95.
- Buffie CG, et al. (2015) Precision microbiome reconstitution restores bile acid mediated resistance to *Clostridium difficile*. *Nature*, 517(7533), 205.