

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

ProteoWizard

RRID:SCR_012056

Type: Tool

Proper Citation

ProteoWizard (RRID:SCR_012056)

Resource Information

URL: <http://proteowizard.sourceforge.net/>

Proper Citation: ProteoWizard (RRID:SCR_012056)

Description: Software that enables rapid tool creation by providing a robust, pluggable development framework that simplifies and unifies data file access, and performs standard proteomics and LCMS dataset computations.

Resource Type: software resource

Defining Citation: [PMID:23051804](#)

Keywords: standalone software, c++

Availability: Apache License

Resource Name: ProteoWizard

Resource ID: SCR_012056

Alternate IDs: OMICS_03354

Record Creation Time: 20220129T080308+0000

Record Last Update: 20260808T185956+0000

Ratings and Alerts

No rating or validation information has been found for ProteoWizard.

No alerts have been found for ProteoWizard.

Data and Source Information

Usage and Citation Metrics

We found 3729 mentions in open access literature.

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

Zhao Y, et al. (2026) IDH1 Reprograms Nucleotide Metabolism by Inducing Chromatin Remodeling and DHODH Transcription to Drive Chemoresistance in Nasopharyngeal Carcinoma. *Cancer research*, 86(8), 2004.

Brady MR, et al. (2026) Macropinocytosis and Vascularization Determine Response to mTOR Inhibitors in Lung Squamous Cell Carcinoma. *Cancer research*, 86(5), 1166.

Bellofatto K, et al. (2026) Implantable vascularized endocrine constructs for clinically scalable insulin delivery. *Trends in biotechnology*.

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.

Rutz A, et al. (2026) MultiMS2: A curated multi-modal, multi-energy spectral library for metabolomics. *GigaScience*, 15.

Weinberg F, et al. (2026) Integrative Analysis of Multiomic Pathways Predicts Cancer-Affected Lobes in Lung Cancer. *Cancer prevention research (Philadelphia, Pa.)*, 19(4), 229.

Bernard MJ, et al. (2026) OGDHL Promotes Prostate Cancer Progression and Regulates Neuroendocrine Marker Expression and Nucleotide Abundance. *Molecular cancer research : MCR*, 24(5), 356.

Qiu J, et al. (2026) Identifying Novel Estrogenic Mitochondrial Targets in Hypothalamic Proopiomelanocortin Neurons by Chemoproteomics. *bioRxiv : the preprint server for biology*.

Cheng Z, et al. (2026) Trigonelline Improves Metabolism and Cardiac Function of HFpEF Mice Via Gut Microbiome Alterations-Mediated AMPK Activation. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(5), e13956.

Chen J, et al. (2026) Stage-specific gut microbial restructuring drives estrous transition in rabbits. *Animal bioscience*, 39(4), 250529.

He S, et al. (2026) Long-term exposure to air pollution and metabolites in children and young adults in a Swedish birth cohort. *Journal of exposure science & environmental epidemiology*, 36(2), 251.

Guo R, et al. (2026) Metabolo-Transcriptomics Analyses Reveal Alfalfa Adaptation to Combined Saline-Alkali and Low-Temperature Stress in the Field. *Plant biotechnology journal*, 24(2), 504.

Campbell Y, et al. (2026) The koala (*Phascolarctos cinereus*) prostate: a proteomic perspective on gland segmentation. *Biology of reproduction*, 114(1), 174.

Bu F, et al. (2026) *Akkermansia muciniphila* alleviates experimental colitis through FXR-mediated repression of unspliced XBP1. *mSystems*, 11(2), e0158925.

Zhai MR, et al. (2026) Chronic intermittent hypoxia increases Parkinson's disease susceptibility via PPAR γ -mediated lipid droplet-mitochondrial dysfunction. *Theranostics*, 16(5), 2466.

Liu X, et al. (2026) A Global Metabolomic and Lipidomic Landscape of Human Plasma Across the Lifespan. *Aging cell*, 25(1), e70316.

Amor M, et al. (2026) Deletion of MMP12 improves energy metabolism and brown adipose tissue function in mice prone to cardiometabolic disease. *Journal of lipid research*, 67(1), 100951.

Luo Y, et al. (2026) *Bacteroides thetaiotaomicron*: A symbiotic ally against diarrhea along with modulation of gut microbial ecological networks via tryptophan metabolism and AHR-Nrf2 signaling. *Journal of advanced research*, 80, 1.

Zhang L, et al. (2026) Quercetin upregulates steroid hormone biosynthesis to enhance reproductive performance in roosters. *Poultry science*, 105(4), 106590.

Ye L, et al. (2026) Fecal metagenome and plasma metabolome analyses reveal changes in gut microbiota composition and plasma metabolites in rats with abemaciclib-induced diarrhea. *BMC gastroenterology*, 26(1).