

# Resource Summary Report

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## 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:** 20260919T195223+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 [RRID](#) .

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.

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.

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.

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 $\gamma$ -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).