

# Resource Summary Report

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## SearchGUI

RRID:SCR\_012054

Type: Tool

### Proper Citation

SearchGUI (RRID:SCR\_012054)

### Resource Information

**URL:** <https://code.google.com/p/searchgui/>

**Proper Citation:** SearchGUI (RRID:SCR\_012054)

**Description:** Software providing a user-friendly, lightweight and open-source graphical user interface for configuring and running the freely available OMSSA and X!Tandem search engines simultaneously.

**Resource Type:** software resource

**Defining Citation:** [PMID:21337703](#)

**Keywords:** mac os x, unix/linux, windows

**Availability:** Apache License

**Resource Name:** SearchGUI

**Resource ID:** SCR\_012054

**Alternate IDs:** OMICS\_03352

**Record Creation Time:** 20220129T080308+0000

**Record Last Update:** 20260725T190725+0000

### Ratings and Alerts

No rating or validation information has been found for SearchGUI.

No alerts have been found for SearchGUI.

### Data and Source Information

## Usage and Citation Metrics

We found 154 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Pipart J, et al. (2025) MultiStageSearch: An Iterative Workflow for Unbiased Taxonomic Analysis of Pathogens Using Proteogenomics. *Journal of proteome research*, 24(6), 2643.

Kaiser A, et al. (2025) Transient ligand contacts of the intrinsically disordered N-terminus of neuropeptide Y2 receptor regulate arrestin-3 recruitment. *Nature communications*, 16(1), 8326.

Sadaow L, et al. (2025) Immunomics-guided biomarker discovery for human liver fluke infection and infection-associated cholangiocarcinoma. *Nature communications*, 16(1), 5965.

Canderan J, et al. (2025) Identification of microbial species and proteins associated with colorectal cancer by reanalyzing CPTAC proteomic datasets. *Scientific reports*, 15(1), 13926.

Yan S, et al. (2025) Glycoproteomic and Single-Protein Glycomic Analyses Reveal Zwitterionic N-Glycans on Natural and Recombinant Proteins Derived From Insect Cells. *Molecular & cellular proteomics : MCP*, 24(6), 100981.

Choi KY, et al. (2025) The structural basis of cold sensitivity. *bioRxiv : the preprint server for biology*.

Vlasov PA, et al. (2025) Multiple human enhancer RNAs contain long translated open reading frames. *Genes & development*, 39(23-24), 1468.

Wang S, et al. (2025) An Approach to Integrate Metagenomics, Metatranscriptomics and Metaproteomics Data in Public Data Resources. *Proteomics*, 25(17-18), 33.

Meurs J, et al. (2025) High-Throughput Analysis of Protein Adsorption to a Large Library of Polymers Using Liquid Extraction Surface Analysis-Tandem Mass Spectrometry (LESA-MS/MS). *Analytical chemistry*, 97(24), 12776.

Ahmed TA, et al. (2024) The cross talk between type II diabetic microenvironment and the regenerative capacities of human adipose tissue-derived pericytes: a promising cell therapy. *Stem cell research & therapy*, 15(1), 36.

Kiseleva OI, et al. (2024) Multiomics Picture of Obesity in Young Adults. *Biology*, 13(4).

Delogu F, et al. (2024) Forecasting the dynamics of a complex microbial community using integrated meta-omics. *Nature ecology & evolution*, 8(1), 32.

Do K, et al. (2024) A novel clinical metaproteomics workflow enables bioinformatic analysis of host-microbe dynamics in disease. *mSphere*, 9(6), e0079323.

Hus KK, et al. (2024) Venom diversity in *Naja mossambica*: Insights from proteomic and immunochemical analyses reveal intraspecific differences. *PLoS neglected tropical diseases*, 18(4), e0012057.

Bertino F, et al. (2024) Dysregulation of FLVCR1a-dependent mitochondrial calcium handling in neural progenitors causes congenital hydrocephalus. *Cell reports. Medicine*, 5(7), 101647.

Nasr E, et al. (2024) microGalaxy: A gateway to tools, workflows, and training for reproducible and FAIR analysis of microbial data. *bioRxiv : the preprint server for biology*.

Chen R, et al. (2024) HDX-MS finds that partial unfolding with sequential domain activation controls condensation of a cellular stress marker. *Proceedings of the National Academy of Sciences of the United States of America*, 121(13), e2321606121.

Ducker C, et al. (2024) A diterpene synthase from the sandfly *Lutzomyia longipalpis* produces the pheromone sobralene. *Proceedings of the National Academy of Sciences of the United States of America*, 121(12), e2322453121.

Kruk ME, et al. (2024) An integrated metaproteomics workflow for studying host-microbe dynamics in bronchoalveolar lavage samples applied to cystic fibrosis disease. *mSystems*, 9(7), e0092923.

Walcher S, et al. (2024) Deciphering fucosylated protein-linked O-glycans in oral *Tannerella serpentina*: Insights from NMR spectroscopy and glycoproteomics. *Glycobiology*, 34(12).