

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 11, 2025

## SearchGUI

RRID:SCR\_012054

Type: Tool

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### Proper Citation

SearchGUI (RRID:SCR\_012054)

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### 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](https://pubmed.ncbi.nlm.nih.gov/21337703/)

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

**Funding:**

**Availability:** Apache License

**Resource Name:** SearchGUI

**Resource ID:** SCR\_012054

**Alternate IDs:** OMICS\_03352

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

**Record Last Update:** 20250410T070228+0000

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### Ratings and Alerts

No rating or validation information has been found for SearchGUI.

No alerts have been found for SearchGUI.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 145 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

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.

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

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.

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.

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.

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

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*.

Garge RK, et al. (2024) Systematic profiling of ale yeast protein dynamics across fermentation and repitching. *G3 (Bethesda, Md.)*, 14(3).

Keyport Kik S, et al. (2024) An adaptive biomolecular condensation response is conserved across environmentally divergent species. *Nature communications*, 15(1), 3127.

Beslic D, et al. (2023) Comprehensive evaluation of peptide de novo sequencing tools for monoclonal antibody assembly. *Briefings in bioinformatics*, 24(1).

Chaiyadet S, et al. (2023) Small extracellular vesicles but not microvesicles from *Opisthorchis viverrini* promote cell proliferation in human cholangiocytes. *bioRxiv : the preprint server for biology*.

van Leeuwen SJM, et al. (2023) The salivary proteome in relation to oral mucositis in autologous hematopoietic stem cell transplantation recipients: a labelled and label-free proteomics approach. *BMC oral health*, 23(1), 460.

Deveryshetty J, et al. (2023) C-terminus induced asymmetry within a Rad52 homodecamer dictates single-position Rad51 nucleation in homologous recombination. *bioRxiv : the preprint server for biology*.

Elliff J, et al. (2023) Dynamic states of eIF6 and SDS variants modulate interactions with uL14 of the 60S ribosomal subunit. *Nucleic acids research*, 51(4), 1803.

Alaa M, et al. (2023) Comparative Shotgun Proteomics Reveals the Characteristic Protein Signature of Osteosarcoma Subtypes. *Cells*, 12(17).

Skiadopoulou D, et al. (2023) Retention Time and Fragmentation Predictors Increase Confidence in Identification of Common Variant Peptides. *Journal of proteome research*, 22(10), 3190.