Resource Summary Report

Generated by NIF on May 16, 2025

Mspire-Simulator

RRID:SCR_001431

Type: Tool

Proper Citation

Mspire-Simulator (RRID:SCR_001431)

Resource Information

URL: https://github.com/princelab/mspire-simulator

Proper Citation: Mspire-Simulator (RRID:SCR_001431)

Description: A free, open-source shotgun proteomic simulator that goes beyond previous simulation attempts by generating LC-MS features with realistic m/z and intensity variance along with other noise components.

Resource Type: software resource, standalone software, software application, simulation

software

Defining Citation: PMID:24090032

Keywords: standalone software, shotgun, proteomic, simulation software, bio.tools

Funding:

Resource Name: Mspire-Simulator

Resource ID: SCR 001431

Alternate IDs: biotools:mspire-simulator, OMICS_03359

Alternate URLs: https://bio.tools/mspire-simulator

Record Creation Time: 20220129T080207+0000

Record Last Update: 20250516T053613+0000

Ratings and Alerts

No rating or validation information has been found for Mspire-Simulator.

No alerts have been found for Mspire-Simulator.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Mariappan MM, et al. (2012) Signaling mechanisms in the regulation of renal matrix metabolism in diabetes. Experimental diabetes research, 2012, 749812.