

Resource Summary Report

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SAXS Molecular Weight

RRID:SCR_018137

Type: Tool

Proper Citation

SAXS Molecular Weight (RRID:SCR_018137)

Resource Information

URL: <http://saxs.ifsc.usp.br/>

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Description: Software tool as online calculator of molecular weight of proteins in dilute solution from experimental SAXS data measured on relative scale. Software package for easy processing of small angle X ray scattering data from mono disperse systems in diluted solution.

Abbreviations: SAXSMoW2

Synonyms: SAXSMoW 2.0

Resource Type: software resource, service resource, data processing software, software application

Defining Citation: [PMID:30371978](#)

Keywords: Molecular weight, protein, calculator, diluted solution, experimental SAXS data, X ray scattering data, mono disperse system

Funding Agency: São Paulo State Research Support Foundation , National Council for Scientific and Technological Development

Availability: Free, Freely available

Resource Name: SAXS Molecular Weight

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Ratings and Alerts

No rating or validation information has been found for SAXS Molecular Weight.

No alerts have been found for SAXS Molecular Weight.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Stevenson J, et al. (2021) Analysis of Two SusE-Like Enzymes From Bacteroides thetaiotaomicron Reveals a Potential Degradative Capacity for This Protein Family. Frontiers in microbiology, 12, 645765.

Arhab Y, et al. (2021) Phospholipase D inhibitors screening: Probing and evaluation of ancient and novel molecules. International journal of biological macromolecules, 166, 1131.

Saad D, et al. (2021) High Conformational Flexibility of the E2F1/DP1/DNA Complex. Journal of molecular biology, 433(18), 167119.

Guo X, et al. (2021) Structure and mechanism of a phage-encoded SAM lyase revises catalytic function of enzyme family. eLife, 10.

Bochkova O, et al. (2020) Synthetic Tuning of CoII-Doped Silica Nanoarchitecture Towards Electrochemical Sensing Ability. Nanomaterials (Basel, Switzerland), 10(7).

Zaripov II, et al. (2020) Synthesis and Characterization of Novel Nanoporous GI-POSS-Branched Polymeric Gas Separation Membranes. Membranes, 10(5).

Song Y, et al. (2020) Mechanism of Crosstalk between the LSD1 Demethylase and HDAC1 Deacetylase in the CoREST Complex. Cell reports, 30(8), 2699.