

Resource Summary Report

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SCÅTTER

RRID:SCR_017271

Type: Tool

Proper Citation

SCÅTTER (RRID:SCR_017271)

Resource Information

URL: <http://www.bioisis.net>

Proper Citation: SCÅTTER (RRID:SCR_017271)

Description: Software JAVA based application for basic analysis of Small Angle X-ray Scattering datasets.

Resource Type: service resource, production service resource, web service, analysis service resource, software resource, data access protocol

Keywords: analysis, data, dataset, small, angle, X ray, scattering, SAXS, BIOISIS

Funding: Department of Energy Office of Science Integrated Diffraction Analysis Technologies ;
National Cancer Institute Structural Cell Biology of DNA Repair Machines ;
National Institute of General Medical Sciences project MINOS

Availability: Restricted

Resource Name: SCÅTTER

Resource ID: SCR_017271

Alternate URLs: <https://bl1231.als.lbl.gov/scatter/>

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260810T040713+0000

Ratings and Alerts

No rating or validation information has been found for SCÅTTER.

No alerts have been found for SCÅTTER.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 98 mentions in open access literature.

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

Pignataro MF, et al. (2026) Nanobodies as tools for studying human frataxin biology. *Communications biology*, 9(1), 181.

De'Ath C, et al. (2026) YdbL directly modulates YdbH-YnbE bridge formation to maintain *Escherichia coli* outer membrane homeostasis. *bioRxiv : the preprint server for biology*.

Kennedy CR, et al. (2026) Covalent fragment screening to inhibit the E3 ligase activity of bacterial NEL enzymes SspH1 and SspH2. *RSC chemical biology*, 7(1), 153.

Martín-Hurtado A, et al. (2026) The oncogenic CCDC6-RET fusion protein is a dual ATP- and ADP-dependent kinase. *Nature communications*, 17(1).

Lundbäck T, et al. (2026) The rise and fall of SARM1 base-exchange inhibitors. *Communications chemistry*, 9(1).

Huber J, et al. (2026) Structure and mechanism of the HECT ligase HECTD3. *Nature communications*, 17(1).

Sverzhinsky A, et al. (2026) PARP1-HPF1 structure and dynamics on nicked DNA suggest a mechanism for acute and localized ADP-ribosylation. *Nature communications*, 17(1).

Inaba-Inoue S, et al. (2025) Plasticity and Co-Factor-Dependent Structural Changes in the RecA Nucleoprotein Filament Studied by Small-Angle X-Ray Scattering (SAXS) Measurements and Molecular Modeling. *Molecules (Basel, Switzerland)*, 30(8).

Rambo RP, et al. (2025) Information theory optimization of signals from small-angle scattering measurements. *Biophysical journal*, 124(15), 2511.

Olp MD, et al. (2025) Multivalent nucleosome scaffolding by bromodomain and extraterminal domain tandem bromodomains. *The Journal of biological chemistry*, 301(3), 108289.

Winterbourne S, et al. (2025) Integrative structural analysis of NF45-NF90 heterodimers reveals architectural rearrangements and oligomerization on binding dsRNA. *Nucleic acids research*, 53(6).

Brosey CA, et al. (2025) NADH-bound AIF activates the mitochondrial CHCHD4/MIA40 chaperone by a substrate-mimicry mechanism. *The EMBO journal*, 44(4), 1220.

Kaundal S, et al. (2024) RNA-dependent RNA polymerase of predominant human norovirus forms liquid-liquid phase condensates as viral replication factories. *Science*

advances, 10(51), eadp9333.

Jones BE, et al. (2024) Developing an in situ LED irradiation system for small-angle X-ray scattering at B21, Diamond Light Source. *Journal of synchrotron radiation*, 31(Pt 4), 763.

Bianco S, et al. (2024) Mechanical release of homogenous proteins from supramolecular gels. *Nature*, 631(8021), 544.

Gurusaran M, et al. (2024) The crystal structure of SUN1-KASH6 reveals an asymmetric LINC complex architecture compatible with nuclear membrane insertion. *Communications biology*, 7(1), 138.

Kaundal S, et al. (2024) RNA-dependent RNA polymerase of predominant human norovirus forms liquid-liquid phase condensates as viral replication factories. *bioRxiv : the preprint server for biology*.

Thamkachy R, et al. (2024) Structural basis for Mis18 complex assembly and its implications for centromere maintenance. *EMBO reports*, 25(8), 3348.

Brosey CA, et al. (2024) Chemical screening by time-resolved X-ray scattering to discover allosteric probes. *Nature chemical biology*, 20(9), 1199.

Dunce JM, et al. (2024) BRCA2 stabilises RAD51 and DMC1 nucleoprotein filaments through a conserved interaction mode. *Nature communications*, 15(1), 8292.