Resource Summary Report

Generated by dkNET on Aug 17, 2026

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

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: 20260817T040602+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 dkNET .

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.