Resource Summary Report

Generated by ASWG on Aug 24, 2026

SHELX

RRID:SCR_014220
Type: Tool

Proper Citation

SHELX (RRID:SCR_014220)

Resource Information

URL: http://shelx.uni-ac.gwdg.de/SHELX/

Proper Citation: SHELX (RRID:SCR_014220)

Description: A set of software programs that utilizes dual spaces algorithms for the determination of small and macromolecular crystal structures by single crystal X-ray and neutron diffraction. Libraries, extra files and environment variables are not required for the executables. SHELX is intended to be run on a command prompt but may be called from GUIs such as shelXle, Olex2, Oscail or WinGX, or hkl2map., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Resource Type: data processing software, image analysis software, image reconstruction software, software application, software resource, standalone software

Defining Citation: DOI:10.1107/S2053273314026370

Keywords: standalone software, image reconstruction software, image analysis software, crystal structure, crystal xray, neutron diffraction, bio.tools

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: SHELX

Resource ID: SCR_014220

Alternate IDs: biotools:shelx

Alternate URLs: https://bio.tools/shelx

Record Creation Time: 20220129T080319+0000

Record Last Update: 20260821T194017+0000

Ratings and Alerts

No rating or validation information has been found for SHELX .

No alerts have been found for SHELX .

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 523 mentions in open access literature.

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

Sinyavskyi S, et al. (2026) Benzo[e][1,2,4]triazolo[1,5-c][1,2,3]triazines: Design, Synthesis, and Cytotoxic Effects. Chemistry & biodiversity, 23(6), e71416.

Chen CY, et al. (2026) Transcriptome-guided development of a fibrosis-reversal compound reduces skin scarring and allows regeneration via mitochondrial uncoupling. Cell reports. Medicine, 7(5), 102821.

Arakcheeva A, et al. (2025) Cu2OSeO3 turns trigonal with structural transformation and implications for skyrmions. Scientific reports, 15(1), 31945.

Majumdar D, et al. (2025) Synthesis, characterization, crystal engineering, DFT, and biological evaluation of a novel Cu(II)-perchlorate Schiff base complex. BMC chemistry, 19(1), 227.

Sourjah A, et al. (2025) Physicochemical Properties of New Ionic Liquids and Plastic Crystal Based on Huckel Anions. Chemistry (Weinheim an der Bergstrasse, Germany), 31(16), e202403681.

Stoian C, et al. (2025) Heavier Diferrocenylpnictogenium Ions. Chemistry (Weinheim an der Bergstrasse, Germany), 31(1), e202403555.

Ben Elhaj Y, et al. (2025) Novel lead-free bismuth-based perovskite-like (BrC5H13N)3Bi2Br9: synthesis, structural investigations and optoelectronic properties. RSC advances, 15(16), 12834.

Gutma?ska K, et al. (2025) From Donor-Acceptor Ligands to Smart Coordination Polymers: Cyanothiazole-Cu(I) Complexes for Multifunctional Electronic Devices. Chemistry (Weinheim an der Bergstrasse, Germany), 31(31), e202500215.

Riesebeck T, et al. (2025) Synthesis and Characterization of Platinum(II) Complexes with Bis(3-(trifluoromethyl)-pyrazolyl)-borate Auxiliary Ligands. Inorganic chemistry, 64(31), 15881.

García-Valdivia AA, et al. (2025) In Situ Ligand Transformation for the Development of Luminescent 3D Metal-Organic Frameworks with Diamond-like Topology. Crystal growth & design, 25(3), 703.

di Lorenzo D, et al. (2025) Application of modular isoxazoline-?2,2-amino acid-based peptidomimetics as chemical model systems for studying the tau misfolding. iScience, 28(4), 112272.

Ahmed A, et al. (2025) (Z)-N-(3-([1,1'-biphenyl]-2-yl)-4-heptyl-4-hydroxythiazolidin-2-ylidene)-4-bromobenzamide as carbonic anhydrase inhibitor: exploration of its in vitro and in silico studies. BMC chemistry, 19(1), 65.

Takeyama T, et al. (2025) A Series of AnVIO22+ Complexes (An = U, Np, Pu) with N3O2-Donating Schiff-Base Ligands: Systematic Trends in the Molecular Structures and Redox Behavior. Inorganic chemistry, 64(3), 1313.

Voigt J, et al. (2025) An aperiodic chiral tiling by topological molecular self-assembly. Nature communications, 16(1), 83.

Yamaguchi Y, et al. (2025) Ligand triplet energy escape in lanthanide complexes for developing luminescent molecular thermometers. Communications chemistry, 8(1), 269.

Vrabie R, et al. (2025) Unlocking the potential of trifluoromethyl pyrrole derivatives in chronic wounds management: rapid synthesis, structural insights, and potent antimicrobial activity. Journal of enzyme inhibition and medicinal chemistry, 40(1), 2513406.

Lister TM, et al. (2025) Engineered enzymes for enantioselective nucleophilic aromatic substitutions. Nature, 639(8054), 375.

López-Chamorro C, et al. (2025) Silver Binding Dichotomy for 7-Deazaadenine/Thymine: Preference for Watson-Crick Pairing over Homobase Interactions in DNA. Inorganic chemistry, 64(28), 14455.

Niazov-Elkan A, et al. (2025) Lattice bond chains administer kink anisotropy and inform strategies of theophylline crystal self-healing. iScience, 28(7), 112866.

Namoto K, et al. (2024) NIBR-LTSi is a selective LATS kinase inhibitor activating YAP signaling and expanding tissue stem cells in vitro and in vivo. Cell stem cell, 31(4), 554.