

Resource Summary Report

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ToposPro

RRID:SCR_024496

Type: Tool

Proper Citation

ToposPro (RRID:SCR_024496)

Resource Information

URL: <https://topospro.com/software/>

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Description: Software package for analysis of geometrical and topological properties of periodic structures including crystals, networks, tilings. ToposPro was tailored to process large samples of crystallographic data and to find correlations between structure parameters.

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

Keywords: geometrical and topological properties analysis, crystals, networks, tilings, periodic structures analysis,

Availability: Free, Available for download, Freely available

Resource Name: ToposPro

Resource ID: SCR_024496

Record Creation Time: 20231002T161336+0000

Record Last Update: 20260912T200048+0000

Ratings and Alerts

No rating or validation information has been found for ToposPro.

No alerts have been found for ToposPro.

Data and Source Information

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#).

Dou W, et al. (2026) Coordination Polymers Assembled from Flexible Tricarboxylate Linkers: Hydrothermal Synthesis, Structural Diversity, and Catalytic Features. *Inorganic chemistry*, 65(7), 3967.

Ye?ilel OZ, et al. (2026) Design and Synthesis of a High-Performance Copper(II) Metal-Organic Framework Featuring Large Surface Area and Enhanced Methane Adsorption Capacity from a Thiophene-Functionalized Diisophthalic Acid Ligand. *Inorganic chemistry*, 65(14), 8094.

Oggianu M, et al. (2026) Enhanced CO₂ Uptake in Cobalt-Based MOFs via Textural Optimization and Water-Induced Flexibility. *ACS applied materials & interfaces*, 18(24), 33873.

Chen Y, et al. (2025) Coordination Polymers Driven by Urea-Diisophthalate Linkers: From Hydrothermal Assembly and Structural Diversity to Catalytic Applications. *Inorganic chemistry*, 64(35), 17960.

Teixeira Campos P, et al. (2025) Proposal of Molecular-Level Crystallization Mechanism for Halogenated Benzyl Alcohols: A Study of Isostructural Crystals. *ChemPlusChem*, 90(8), e202500144.

Fredrickson RT, et al. (2025) Interface Nucleus Templating of Modular Intermetallic Morphologies: Chemical Pressure Complementarity, Columnar Domains, and Complex Disorder in Y₁₃Ag_{42.7}Zn_{29.7}. *Inorganic chemistry*, 64(44), 21959.

Ghanbari H, et al. (2024) Synthesis, characterization, and biological activity of a fresh class of sonochemically synthesized Cu²⁺ complexes. *Scientific reports*, 14(1), 21325.

Mei ZZ, et al. (2024) Hydrothermal synthesis, structures, and catalytic performance of five coordination compounds driven by 5-aminoisophthalic acid. *RSC advances*, 14(38), 28160.

Novikov SA, et al. (2024) Application of Voronoi Polyhedra for Analysis of Electronic Dimensionality in Emissive Halide Materials. *Journal of the American Chemical Society*, 146(51), 35449.

Király N, et al. (2023) Sr(II) and Ba(II) Alkaline Earth Metal-Organic Frameworks (AE-MOFs) for Selective Gas Adsorption, Energy Storage, and Environmental Application. *Nanomaterials (Basel, Switzerland)*, 13(2).

Kalashnikova GO, et al. (2023) The AM-4 Family of Layered Titanosilicates: Single-Crystal-to-Single-Crystal Transformation, Synthesis and Ionic Conductivity. *Materials (Basel, Switzerland)*, 17(1).

Prabhu A, et al. (2021) Global earth mineral inventory: A data legacy. *Geoscience data journal*, 8(1), 74.

Cruz C, et al. (2020) New Highly Charged Iron(III) Metal-Organic Cube Stabilized by a Bulky Amine. *ACS omega*, 5(35), 22238.

Hill AR, et al. (2020) CrystalGrower: a generic computer program for Monte Carlo modelling of crystal growth. *Chemical science*, 12(3), 1126.

Kowalik M, et al. (2020) Structural Insights into New Bi(III) Coordination Polymers with Pyridine-2,3-Dicarboxylic Acid: Photoluminescence Properties and Anti-Helicobacter pylori Activity. *International journal of molecular sciences*, 21(22).

Braun E, et al. (2018) Generating carbon schwarzites via zeolite-templating. *Proceedings of the National Academy of Sciences of the United States of America*, 115(35), E8116.

Lü J, et al. (2018) Polycatenated 2D Hydrogen-Bonded Binary Supramolecular Organic Frameworks (SOFs) with Enhanced Gas Adsorption and Selectivity. *Crystal growth & design*, 18(4), 2555.

Carugo O, et al. (2017) Packing topology in crystals of proteins and small molecules: a comparison. *Scientific reports*, 7(1), 13209.