

# Resource Summary Report

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## Inorganic Crystal Structure Database (ICSD)

RRID:SCR\_017429

Type: Tool

### Proper Citation

Inorganic Crystal Structure Database (ICSD) (RRID:SCR\_017429)

### Resource Information

**URL:** <https://icsd.products.fiz-karlsruhe.de/>

**Proper Citation:** Inorganic Crystal Structure Database (ICSD) (RRID:SCR\_017429)

**Description:** Database for completely identified inorganic crystal structures. Collection of known inorganic crystal structures published since 1913, including their atomic coordinates. Includes only data which have passed thorough quality checks. Tool for materials research.

**Abbreviations:** ICSD

**Synonyms:** Inorganic Crystal Structure Database, Inorganic Crystal Structure Database (ICSD), ICSD

**Resource Type:** service resource, data or information resource, data repository, database, storage service resource

**Keywords:** Inorganic, crystal, structure, data, atomic, coordinate, quality, FIZ Karlsruhe — Leibniz Institute for Information Infrastructure

**Availability:** Restricted

**Resource Name:** Inorganic Crystal Structure Database (ICSD)

**Resource ID:** SCR\_017429

**Alternate IDs:** r3d100010085

**Alternate URLs:** [http://www2.fiz-karlsruhe.de/icsd\\_home.html](http://www2.fiz-karlsruhe.de/icsd_home.html),  
<https://doi.org/10.17616/R3GW2V>

**Record Creation Time:** 20220129T080335+0000

**Record Last Update:** 20260729T044434+0000

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## Ratings and Alerts

No rating or validation information has been found for Inorganic Crystal Structure Database (ICSD).

No alerts have been found for Inorganic Crystal Structure Database (ICSD).

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 6 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [T1D](#).

Gorelik TE, et al. (2025) Unit-cell parameters determination from a set of independent electron diffraction zonal patterns. Acta crystallographica. Section A, Foundations and advances, 81(Pt 2), 124.

Zeni C, et al. (2025) A generative model for inorganic materials design. Nature, 639(8055), 624.

Jankovi? B, et al. (2023) Upcycling of the Used Cigarette Butt Filters through Pyrolysis Process: Detailed Kinetic Mechanism with Bio-Char Characterization. Polymers, 15(14).

Goodall REA, et al. (2022) Rapid discovery of stable materials by coordinate-free coarse graining. Science advances, 8(30), eabn4117.

Aziz A, et al. (2021) Towards Predictive Synthesis of Inorganic Materials Using Network Science. Frontiers in chemistry, 9, 798838.

Dong Z, et al. (2020) Atomic-level handedness determination of chiral crystals using aberration-corrected scanning transmission electron microscopy. Nature communications, 11(1), 1588.