

YaÅar Krysiak

List of Publications by Year in descending order

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509
citing authors

#	ARTICLE	IF	CITATIONS
1	High Electron Mobility and Disorder Induced by Silver Ion Migration Lead to Good Thermoelectric Performance in the Argyrodite Ag ₈ SiSe ₆ . Chemistry of Materials, 2017, 29, 4833-4839.	6.7	65
2	Solving the Hydrogen and Lithium Substructure of Poly(triazine imide)/LiCl Using NMR Crystallography. Chemistry - A European Journal, 2016, 22, 16878-16890.	3.3	54
3	Fast-ADT: A fast and automated electron diffraction tomography setup for structure determination and refinement. Ultramicroscopy, 2020, 211, 112951.	1.9	48
4	Automated electron diffraction tomography – development and applications. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 463-474.	1.1	28
5	The Elusive Structure of Magadiite, Solved by 3D Electron Diffraction and Model Building. Chemistry of Materials, 2021, 33, 3207-3219.	6.7	24
6	Elucidating structural order and disorder phenomena in mullite-type Al ₄ B ₂ O ₉ by automated electron diffraction tomography. Journal of Solid State Chemistry, 2017, 249, 114-123.	2.9	22
7	4-Cyanopyridine, a versatile mono- and bidentate ligand. Crystal structures of related coordination polymers determined by X-ray powder diffraction. CrystEngComm, 2017, 19, 2216-2228.	2.6	18
8	Ab initio structure determination and quantitative disorder analysis on nanoparticles by electron diffraction tomography. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, 93-101.	0.1	17
9	Solid State Fluorination on the Minute Scale: Synthesis of WO ₃ ·xH ₂ O with Photocatalytic Activity. Advanced Functional Materials, 2020, 30, 1909051.	14.9	15
10	New zeolite-like RUB-5 and its related hydrous layer silicate RUB-6 structurally characterized by electron microscopy. IUCr, 2020, 7, 522-534.	2.2	15
11	Crystal Structures and Polymorphism of Nickel and Copper Coordination Polymers with Pyridine Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 3190-3196.	1.2	9
12	Multistep Crystallization Pathways in the Ambient-Temperature Synthesis of a New Alkali-Activated Binder. Advanced Functional Materials, 2022, 32, 2108126.	14.9	9
13	Two new members of the Silica-X family of materials: RUB-5, a silica zeolite with a very high framework density and RUB-6, a hydrous layer silicate. Microporous and Mesoporous Materials, 2020, 296, 109981.	4.4	8
14	Determination of the Crystal Structure of Hexaphenyldisilane from Powder Diffraction Data and Its Thermodynamic Properties. Crystal Growth and Design, 2014, 14, 2937-2944.	3.0	7
15	Structural insights into M ₂ O·Al ₂ O ₃ ·WO ₃ (M = Na, K) system by electron diffraction tomography. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2015, 71, 349-357.	1.1	6
16	Design of Active Defects in Semiconductors: 3D Electron Diffraction Revealed Novel Organometallic Lead Bromide Phases Containing Ferrocene as Redox Switches. Advanced Functional Materials, 0, , 2201126.	14.9	2
17	Aerosol-Prepared Microcrystals as Amplifiers to Learn about the Facet and Point Defect-Dependent Lability and Stabilization of Hybrid Perovskite Semiconductors against Humidity and Light. Crystal Growth and Design, 0, , .	3.0	1