

YaÅar Krysiak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2066922/publications.pdf>

Version: 2024-02-01

17
papers

348
citations

933447

10
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

509
citing authors

#	ARTICLE	IF	CITATIONS
1	Multistep Crystallization Pathways in the Ambient-Temperature Synthesis of a New Alkali-Activated Binder. <i>Advanced Functional Materials</i> , 2022, 32, 2108126.	14.9	9
2	The Elusive Structure of Magadiite, Solved by 3D Electron Diffraction and Model Building. <i>Chemistry of Materials</i> , 2021, 33, 3207-3219.	6.7	24
3	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. <i>Microporous and Mesoporous Materials</i> , 2020, 296, 109981.	4.4	8
4	Solid State Fluorination on the Minute Scale: Synthesis of $WO_3 \cdot xH_2O$ with Photocatalytic Activity. <i>Advanced Functional Materials</i> , 2020, 30, 1909051.	14.9	15
5	Fast-ADT: A fast and automated electron diffraction tomography setup for structure determination and refinement. <i>Ultramicroscopy</i> , 2020, 211, 112951.	1.9	48
6	New zeolite-like RUB-5 and its related hydrous layer silicate RUB-6 structurally characterized by electron microscopy. <i>IUCrJ</i> , 2020, 7, 522-534.	2.2	15
7	Automated electron diffraction tomography – development and applications. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 463-474.	1.1	28
8	Ab initio structure determination and quantitative disorder analysis on nanoparticles by electron diffraction tomography. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, 93-101.	0.1	17
9	High Electron Mobility and Disorder Induced by Silver Ion Migration Lead to Good Thermoelectric Performance in the Argyrodite Ag_8Si_6 . <i>Chemistry of Materials</i> , 2017, 29, 4833-4839.	6.7	65
10	Elucidating structural order and disorder phenomena in mullite-type $Al_4B_2O_9$ by automated electron diffraction tomography. <i>Journal of Solid State Chemistry</i> , 2017, 249, 114-123.	2.9	22
11	4-Cyanopyridine, a versatile mono- and bidentate ligand. Crystal structures of related coordination polymers determined by X-ray powder diffraction. <i>CrystEngComm</i> , 2017, 19, 2216-2228.	2.6	18
12	Solving the Hydrogen and Lithium Substructure of Poly(triazine imide)/LiCl Using NMR Crystallography. <i>Chemistry - A European Journal</i> , 2016, 22, 16878-16890.	3.3	54
13	Structural insights into $M_2O_3 \cdot Al_2O_3$ ($M = Na, K$) system by electron diffraction tomography. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2015, 71, 349-357.	1.1	6
14	Crystal Structures and Polymorphism of Nickel and Copper Coordination Polymers with Pyridine Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 3190-3196.	1.2	9
15	Determination of the Crystal Structure of Hexaphenyldisilane from Powder Diffraction Data and Its Thermodynamic Properties. <i>Crystal Growth and Design</i> , 2014, 14, 2937-2944.	3.0	7
16	Design of Active Defects in Semiconductors: 3D Electron Diffraction Revealed Novel Organometallic Lead Bromide Phases Containing Ferrocene as Redox Switches. <i>Advanced Functional Materials</i> , 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. <i>Crystal Growth and Design</i> , 0, , .	3.0	1