

Kathrin Hofmann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7322243/publications.pdf>

Version: 2024-02-01

15
papers

218
citations

1163117

8
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

273
citing authors

#	ARTICLE	IF	CITATIONS
1	Active Site Identification in FeNC Catalysts and Their Assignment to the Oxygen Reduction Reaction Pathway by In Situ ⁵⁷ Fe Mössbauer Spectroscopy. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2000064.	5.8	40
2	Nanoscale Hybrid Amorphous/Graphitic Carbon as Key Towards Next-Generation Carbon-Based Oxidative Dehydrogenation Catalysts. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5898-5906.	13.8	37
3	Metastable Ni ₇ B ₃ : A New Paramagnetic Boride from Solution Chemistry, Its Crystal Structure and Magnetic Properties. <i>Inorganic Chemistry</i> , 2015, 54, 10873-10877.	4.0	25
4	Thermal depolarization and electromechanical hardening in Zn ²⁺ -doped Na _{1/2} Bi _{1/2} TiO ₃ -BaTiO ₃ . <i>Journal of the American Ceramic Society</i> , 2021, 104, 2201-2212.	3.8	24
5	Novel dirhodium coordination polymers: the impact of side chains on cyclopropanation. <i>Catalysis Science and Technology</i> , 2018, 8, 5190-5200.	4.1	15
6	Thermodynamic Ground States of Multifunctional Metal Dodecaborides. <i>Chemistry of Materials</i> , 2019, 31, 1075-1083.	6.7	15
7	Quenching-circumvented ergodicity in relaxor Na _{1/2} Bi _{1/2} TiO ₃ -BaTiO ₃ -K _{0.5} Na _{0.5} NbO ₃ . <i>Journal of the American Ceramic Society</i> , 2021, 104, 3316-3324.	3.8	10
8	Application of Non-Precious Bifunctional Catalysts for Metal-Air Batteries. <i>Energy Technology</i> , 2021, 9, 2001106.	3.8	10
9	Dirhodium Coordination Polymers for Asymmetric Cyclopropanation of Diazoindoles with Olefins: Synthesis and Spectroscopic Analysis. <i>ChemPlusChem</i> , 2020, 85, 1737-1746.	2.8	7
10	Oxygen-Functionalized Boron Nitride for the Oxidative Dehydrogenation of Propane – The Case for Supported Liquid Phase Catalysis. <i>ChemCatChem</i> , 2022, 14, .	3.7	7
11	Design and characterization of novel dirhodium coordination polymers – the impact of ligand size on selectivity in asymmetric cyclopropanation. <i>Catalysis Science and Technology</i> , 2021, 11, 3481-3492.	4.1	6
12	Thermoelectric Properties of p-Type Semiconducting NaB ₅ C with Hexaboride-Type Structure, Compared to Layered MB ₂ C ₂ (M= La, Ce). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 2714-2716.	1.2	5
13	Molecular dynamics simulation of crystal structure and heat capacity in perovskite-type molybdates SrMoO ₃ and BaMoO ₃ . <i>Computational Materials Science</i> , 2021, 197, 110609.	3.0	3
14	Raman Diagnostics of Cathode Materials for Li-Ion Batteries Using Multi-Wavelength Excitation. <i>Batteries</i> , 2022, 8, 10.	4.5	3
15	POSS-Containing Polymethacrylates on Cellulose-Based Substrates: Immobilization and Ceramic Formation. <i>Coatings</i> , 2018, 8, 446.	2.6	1