

Kathrin Hofmann

List of Publications by Year in descending order

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19
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273
citing authors

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