

Martin Friedrich

List of Publications by Year in descending order

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15
papers

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687363

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docs citations

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1145
citing authors

#	ARTICLE	IF	CITATIONS
1	Ni/Pd@MIL-101: Synergistic Catalysis with Cavity-Conform Ni/Pd Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11473-11477.	13.8	178
2	Single-catalyst high-weight% hydrogen storage in an N-heterocycle synthesized from lignin hydrogenolysis products and ammonia. <i>Nature Communications</i> , 2016, 7, 13201.	12.8	146
3	The synthesis of pyrroles via acceptorless dehydrogenative condensation of secondary alcohols and 1,2-amino alcohols mediated by a robust and reusable catalyst based on nanometer-sized iridium particles. <i>Catalysis Science and Technology</i> , 2014, 4, 4188-4192.	4.1	88
4	Enhanced capacitance of nitrogen-doped hierarchically porous carbide-derived carbon in matched ionic liquids. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18906-18912.	10.3	69
5	Micro-/Mesoporous Platinum-SiCN Nanocomposite Catalysts (Pt@SiCN): From Design to Catalytic Applications. <i>Chemistry - A European Journal</i> , 2016, 22, 15508-15512.	3.3	48
6	Colloidal Size Effect and Metal-Particle Migration in M@MOF/PCP Catalysis. <i>Chemistry - A European Journal</i> , 2013, 19, 13652-13657.	3.3	35
7	Titanium Dioxide Reinforced Metal-Organic Framework Pd Catalysts: Activity and Reusability Enhancement in Alcohol Dehydrogenation Reactions and Improved Photocatalytic Performance. <i>ChemCatChem</i> , 2015, 7, 3916-3922.	3.7	29
8	Mesoporous silica nanosphere supported platinum nanoparticles (Pt@MSN): one-pot synthesis and catalytic hydrogen generation. <i>RSC Advances</i> , 2016, 6, 10438-10441.	3.6	22
9	A Metal-Organic Framework Supported Nonprecious Metal Photocatalyst for Visible-Light-Driven Wastewater Treatment. <i>ChemPhotoChem</i> , 2018, 2, 349-352.	3.0	20
10	Synthesis of Hierarchically Porous SiCN Materials and Pd Catalysts based on it for the Oxidation of Methane. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 2266-2271.	1.2	14
11	Meso-Structuring of SiCN Ceramics by Polystyrene Templates. <i>Nanomaterials</i> , 2015, 5, 425-435.	4.1	14
12	H ₂ -Generation from Alcohols by the MOF-Based Noble Metal-Free Photocatalyst Ni/CdS/TiO ₂ @MIL-101. <i>Australian Journal of Chemistry</i> , 2019, 72, 842.	0.9	14
13	Robustly supported rhodium nanoclusters: synthesis and application in selective hydrogenation of lignin derived phenolic compounds. <i>New Journal of Chemistry</i> , 2016, 40, 9252-9256.	2.8	13
14	Nanometer-scaled iridium particles gas-phase-loaded into the pores of the metal-organic framework MIL-101. <i>Polyhedron</i> , 2018, 155, 441-446.	2.2	7
15	Combining Metal Nanoparticles with an Ir(III) Photosensitizer. <i>Journal of Physical Chemistry C</i> , 2021, 125, 25765-25773.	3.1	0