

Sedigheh Abedi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

996
citations

623734

14
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

1410
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient Aerobic Oxidation of Alcohols Using a Recoverable Catalyst: The Role of Mesoporous Channels of SBA-15 in Stabilizing Palladium Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4776-4779.	13.8	292
2	Ordered Mesoporous Metal-Organic Frameworks Incorporated with Amorphous TiO ₂ As Photocatalyst for Selective Aerobic Oxidation in Sunlight Irradiation. <i>ACS Catalysis</i> , 2014, 4, 1398-1403.	11.2	136
3	Aerobic oxidation of alcohols using various types of immobilized palladium catalyst: the synergistic role of functionalized ligands, morphology of support, and solvent in generating and stabilizing nanoparticles. <i>Green Chemistry</i> , 2009, 11, 109-119.	9.0	121
4	Urea Metal-Organic Frameworks for Nitro-Substituted Compounds Sensing. <i>Inorganic Chemistry</i> , 2017, 56, 1446-1454.	4.0	92
5	Urea-containing metal-organic frameworks as heterogeneous organocatalysts. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20408-20415.	10.3	54
6	Synthesis and characterization of CdS/MIL-125 (Ti) as a photocatalyst for water splitting. <i>Materials Science in Semiconductor Processing</i> , 2018, 80, 44-51.	4.0	46
7	Amorphous TiO ₂ coated into periodic mesoporous organosilicate channels as a new binary photocatalyst for regeneration of carbonyl compounds from oximes under sunlight irradiation. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 416-419.	2.8	33
8	Mechanochemical synthesis of isoreticular metal-organic frameworks and comparative study of their potential for nitrobenzene sensing. <i>New Journal of Chemistry</i> , 2015, 39, 5108-5111.	2.8	28
9	Improved photocatalytic activity in a surfactant-assisted synthesized Ti-containing MOF photocatalyst under blue LED irradiation. <i>New Journal of Chemistry</i> , 2015, 39, 931-937.	2.8	23
10	Sonochemical synthesis and structural characterization of a new nanostructured Co(II) supramolecular coordination polymer with Lewis base sites as a new catalyst for Knoevenagel condensation. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 897-907.	8.2	23
11	Improved activity of palladium nanoparticles using a sulfur-containing metal-organic framework as an efficient catalyst for selective aerobic oxidation in water. <i>New Journal of Chemistry</i> , 2017, 41, 5846-5852.	2.8	21
12	Interplay between hydrophobicity and basicity toward the catalytic activity of isoreticular MOF organocatalysts. <i>New Journal of Chemistry</i> , 2016, 40, 6970-6976.	2.8	20
13	Fabrication of novel multi-morphological tetrazole-based infinite coordination polymers; transformation studies and their calcination to mineral zinc oxide nano- and microarchitectures. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4803.	10.3	18
14	Effects of Orthohalogen Substituents on Nitrate Binding in Urea-Based Silver(I) Coordination Polymers. <i>Crystal Growth and Design</i> , 2017, 17, 255-261.	3.0	12
15	A novel synthesis route for preparation of tetrazole-based infinite coordination polymers and their application as an efficient catalyst for Michael addition reactions. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1601-1612.	2.2	11
16	Effects of pore size and surface area on CH ₄ and CO ₂ capture in mesostructured MIL-101. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 137-142.	2.2	4
17	Tetrazole-based infinite coordination polymer for encapsulation of TiO ₂ and its potential application for fabrication of ZnO@TiO ₂ core-shell structures. <i>RSC Advances</i> , 2015, 5, 51828-51833.	3.6	1