

List of Publications by Year in descending order

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29
papers

814
citations

471509

17
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

1435
citing authors

#	ARTICLE	IF	CITATIONS
1	Immobilization of lipase from <i>Mucor miehei</i> and <i>Rhizopus oryzae</i> into mesoporous silica—The effect of varied particle size and morphology. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 100, 22-30.	5.0	81
2	Rapid Synthesis of SBA-15 Rods with Variable Lengths, Widths, and Tunable Large Pores. <i>Langmuir</i> , 2011, 27, 4994-4999.	3.5	72
3	Shape engineering vs organic modification of inorganic nanoparticles as a tool for enhancing cellular internalization. <i>Nanoscale Research Letters</i> , 2012, 7, 358.	5.7	61
4	The effects on pore size and particle morphology of heptane additions to the synthesis of mesoporous silica SBA-15. <i>Microporous and Mesoporous Materials</i> , 2010, 133, 66-74.	4.4	58
5	Nanoporous Ca ₃ Co ₄ O ₉ Thin Films for Transferable Thermoelectrics. <i>ACS Applied Energy Materials</i> , 2018, 1, 2261-2268.	5.1	54
6	Shape engineering boosts antibacterial activity of chitosan coated mesoporous silica nanoparticle doped with silver: a mechanistic investigation. <i>Journal of Materials Chemistry B</i> , 2016, 4, 3292-3304.	5.8	50
7	Tuning the Shape of Mesoporous Silica Particles by Alterations in Parameter Space: From Rods to Platelets. <i>Langmuir</i> , 2013, 29, 13551-13561.	3.5	44
8	Mesoporous silica and carbon based catalysts for esterification and biodiesel fabrication—The effect of matrix surface composition and porosity. <i>Applied Catalysis A: General</i> , 2017, 533, 49-58.	4.3	40
9	Propylsulfonic acid functionalized mesoporous silica catalysts for esterification of fatty acids. <i>Journal of Molecular Catalysis A</i> , 2015, 410, 253-259.	4.8	37
10	Annealing of Thermally Sprayed Ti ₂ AlC Coatings. <i>International Journal of Applied Ceramic Technology</i> , 2011, 8, 74-84.	2.1	36
11	Targeted delivery of a novel anticancer compound anisomelic acid using chitosan-coated porous silica nanorods for enhancing the apoptotic effect. <i>Biomaterials Science</i> , 2015, 3, 103-111.	5.4	34
12	Synthesis and characterization of large mesoporous silica SBA-15 sheets with ordered accessible 18Ånm pores. <i>Materials Letters</i> , 2009, 63, 2129-2131.	2.6	31
13	Self-Assembly of Mechanoplasmonic Bacterial Cellulose—Metal Nanoparticle Composites. <i>Advanced Functional Materials</i> , 2020, 30, 2004766.	14.9	24
14	Synthesizing and Characterizing Mesoporous Silica SBA-15: A Hands-On Laboratory Experiment for Undergraduates Using Various Instrumental Techniques. <i>Journal of Chemical Education</i> , 2017, 94, 91-94.	2.3	23
15	Synthesis of a Cu-infiltrated Zr-doped SBA-15 catalyst for CO ₂ hydrogenation into methanol and dimethyl ether. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 19139-19149.	2.8	23
16	Formation of block-copolymer-templated mesoporous silica. <i>Journal of Colloid and Interface Science</i> , 2018, 521, 183-189.	9.4	20
17	Synthesis of hollow silica spheres SBA-16 with large-pore diameter. <i>Materials Letters</i> , 2011, 65, 1066-1068.	2.6	17
18	Impact of the morphological and chemical properties of copper-zirconium-SBA-15 catalysts on the conversion and selectivity in carbon dioxide hydrogenation. <i>Journal of Colloid and Interface Science</i> , 2019, 546, 163-173.	9.4	17

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19	Morphology effects on electrocatalysis of anodic water splitting on nickel (II) oxide. Microporous and Mesoporous Materials, 2022, 333, 111734.	4.4	17
20	Single-pot synthesis of ordered mesoporous silica films with unique controllable morphology. Journal of Colloid and Interface Science, 2014, 413, 1-7.	9.4	16
21	A shelf-life study of silica- and carbon-based mesoporous materials. Journal of Industrial and Engineering Chemistry, 2021, 101, 205-213.	5.8	10
22	Cell adherence and drug delivery from particle based mesoporous silica films. RSC Advances, 2019, 9, 17745-17753.	3.6	9
23	Growth and Functionalization of Particle-Based Mesoporous Silica Films and Their Usage in Catalysis. Nanomaterials, 2019, 9, 562.	4.1	9
24	Mesoporous Silica-gold Films for Straightforward, Highly Reproducible Monitoring of Mercury Traces in Water. Nanomaterials, 2019, 9, 35.	4.1	9
25	Cobalt thin films as water-recombination electrocatalysts. Surface and Coatings Technology, 2020, 404, 126643.	4.8	8
26	Low temperature nanocasting of hematite nanoparticles using mesoporous silica molds. Powder Technology, 2012, 217, 269-273.	4.2	5
27	Silica SBA-15 Template Assisted Synthesis of Ultrasmall and Homogeneously Sized Copper Nanoparticles. Journal of Nanoscience and Nanotechnology, 2011, 11, 3493-3498.	0.9	4
28	Growth of single crystalline dendritic Li ₂ SiO ₃ arrays from LiNO ₃ and mesoporous SiO ₂ . Journal of Solid State Chemistry, 2011, 184, 1735-1739.	2.9	4
29	Black Charcoal for Green and Scalable Wooden Electrodes for Supercapabatteries. Energy Technology, 2022, 10, .	3.8	1