

Sheng Cui

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

760
citations

687363

13
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

1104
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoporous amine-modified SiO ₂ aerogel: a potential CO ₂ sorbent. <i>Energy and Environmental Science</i> , 2011, 4, 2070.	30.8	214
2	Novel Al ₂ O ₃ –SiO ₂ composite aerogels with high specific surface area at elevated temperatures with different alumina/silica molar ratios prepared by a non-alkoxide sol-gel method. <i>RSC Advances</i> , 2016, 6, 5611-5620.	3.6	85
3	pH-Responsive Magnetic Mesoporous Silica-Based Nanoplatform for Synergistic Photodynamic Therapy/Chemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15001-15011.	8.0	62
4	Preparation of magnetic MnFe ₂ O ₄ -Cellulose aerogel composite and its kinetics and thermodynamics of Cu(II) adsorption. <i>Cellulose</i> , 2018, 25, 735-751.	4.9	54
5	Hypoxia-activated ROS burst liposomes boosted by local mild hyperthermia for photo/chemodynamic therapy. <i>Journal of Controlled Release</i> , 2020, 328, 100-111.	9.9	37
6	Preparation of SiO ₂ aerogel from rice husk ash. <i>RSC Advances</i> , 2015, 5, 65818-65826.	3.6	34
7	Magnetic-controlled aerogels from carboxylated cellulose and MnFe ₂ O ₄ as a novel adsorbent for removal of Cu(II). <i>Cellulose</i> , 2019, 26, 5051-5063.	4.9	34
8	Near-infrared light-activated red-emitting upconverting nanoplatform for T1-weighted magnetic resonance imaging and photodynamic therapy. <i>Acta Biomaterialia</i> , 2018, 74, 360-373.	8.3	32
9	Chemical Surface Adsorption and Trace Detection of Alcohol Gas in Graphene Oxide-Based Acid-Etched SnO ₂ Aerogels. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 20467-20478.	8.0	29
10	Adsorption properties of nitrobenzene in wastewater with silica aerogels. <i>Science China Technological Sciences</i> , 2010, 53, 2367-2371.	4.0	28
11	Preparation of amine-modified SiO ₂ aerogel from rice husk ash for CO ₂ adsorption. <i>Journal of Porous Materials</i> , 2017, 24, 455-461.	2.6	23
12	Preparation and characterization of C/Al ₂ O ₃ composite aerogel with high compressive strength and low thermal conductivity. <i>Journal of Porous Materials</i> , 2015, 22, 1235-1243.	2.6	18
13	Receptor-Mediated Delivery of Astaxanthin-Loaded Nanoparticles to Neurons: An Enhanced Potential for Subarachnoid Hemorrhage Treatment. <i>Frontiers in Neuroscience</i> , 2019, 13, 989.	2.8	16
14	Preparation and adsorption property of phenyltriethoxysilane modified SiO ₂ aerogel. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013, 28, 916-920.	1.0	14
15	Paclitaxel modified Fe ₃ O ₄ loaded albumin nanoparticles as drug delivery vehicles by self-assembly. <i>RSC Advances</i> , 2016, 6, 43284-43292.	3.6	14
16	Adsorption capacity of hydrophobic SiO ₂ aerogel/activated carbon composite materials for TNT. <i>Science China Technological Sciences</i> , 2013, 56, 1767-1772.	4.0	10
17	Tailored SiO ₂ –TiO ₂ Aerogel/Ag Flexible Films as Stable SERS Substrates for Hazardous Materials Detection. <i>Advanced Materials Technologies</i> , 2022, 7, 2101169.	5.8	9
18	Comprehensive exploration of long-wave emission carbon dots for brain tumor visualization. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3512-3523.	5.8	9

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19	Mechanically reinforced composite aerogel blocks by self-growing nanofibers. RSC Advances, 2014, 4, 48601-48605.	3.6	8
20	Preparation and adsorption property of hydrophobic SiO ₂ aerogels modified by methyl triethoxysilane. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 1079-1083.	1.0	7
21	Synthesis and characterization of amino-grafted attapulgite/graphene oxide nanocomposites and their adsorption for Pb(II) removal. Journal of Nanoparticle Research, 2022, 24, 1.	1.9	6
22	A facile process for preparation of polyaniline/polyacrylic acid composite electrochromism films. High Performance Polymers, 2011, 23, 489-493.	1.8	4
23	Preparation of PAA/WO ₃ composite films with enhanced electrochromism via layer-by-layer method. Science and Engineering of Composite Materials, 2018, 25, 565-569.	1.4	4
24	Preparation and Organic Solvent Adsorption of PTFE Fabric Reinforced GO/SiO ₂ Aerogel. Chemistry Letters, 2020, 49, 1324-1328.	1.3	4
25	Thermal insulation and moisture resistance of high-performance silicon aerogel composite foam ceramic and foam glass. Advanced Engineering Materials, 0, , .	3.5	4
26	Notice of Retraction: Application of Central Composite Design to process optimization of Fe ₃ O ₄ /SiO ₂ composited aerogel nanoparticle. , 2010, , .		1
27	Oxidation resistance and heat transfer simulation of MoSi ₂ -based coatings on carbon fiber reinforced C-Al ₂ O ₃ aerogel composite. Journal of Sol-Gel Science and Technology, 0, , 1.	2.4	0