

Youyi Xia

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

362
citations

933447

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794594

19
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21
all docs

21
docs citations

21
times ranked

450
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyacid doping-enabled efficient solar evaporation of polypyrrole hydrogel. <i>Desalination</i> , 2021, 505, 114766.	8.2	56
2	Mechanically Robust and Reprocessable Acrylate Vitrimers with Hydrogen-Bond-Integrated Networks for Photo-3D Printing. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 1581-1591.	8.0	40
3	Amine-Cured Glycidyl Esters as Dual Dynamic Epoxy Vitrimers. <i>Macromolecules</i> , 2022, 55, 523-534.	4.8	37
4	Preparation of flake-like polyaniline/montmorillonite nanocomposites and their application for removal of Cr(VI) ions in aqueous solution. <i>Journal of Materials Science</i> , 2013, 48, 7708-7717.	3.7	32
5	Preparation and adsorption of novel cellulosic fibers modified by cyclodextrin. <i>Polymers for Advanced Technologies</i> , 2008, 19, 270-275.	3.2	28
6	Rapid self-healed vitrimers via tailored hydroxyl esters and disulfide bonds. <i>Polymer</i> , 2022, 248, 124801.	3.8	22
7	Silk fibroin fibers supported with high density of gold nanoparticles: fabrication and application as catalyst. <i>Gold Bulletin</i> , 2011, 44, 171-176.	2.4	20
8	Graphene Oxide-Reduced Graphene Oxide Janus Membrane for Efficient Solar Generation of Water Vapor. <i>ACS Applied Nano Materials</i> , 2021, 4, 1916-1923.	5.0	20
9	Au nanoplate/polypyrrole nanofiber composite film: preparation, characterization and application as SERS substrate. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 469-473.	2.5	19
10	Au/montmorillonite/polyaniline nanoflakes: facile fabrication by self-assembly and application as catalyst. <i>RSC Advances</i> , 2014, 4, 20516-20520.	3.6	18
11	Facile fabrication of hierarchically flowerlike Ag microstructure for SERS application. <i>Journal of Materials Science</i> , 2014, 49, 2781-2786.	3.7	10
12	Hierarchically porous Pd nanospheres: facile synthesis and their application in HCOOH electrooxidation. <i>Chemical Communications</i> , 2016, 52, 10064-10067.	4.1	9
13	Conductive polymers/polyacrylonitrile composite fibers: Fabrication and properties. <i>Polymer Composites</i> , 2010, 31, 340-346.	4.6	8
14	Synthesis and application of conducting graft copolymer with viable processability. <i>Polymer</i> , 2009, 50, 5065-5070.	3.8	8
15	Conducting polymer hydrogel reactor for synthesizing Au nanoparticles and its use in the reduction of p-nitrophenol. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	8
16	Poly(acrylonitrile-co-vinyl acetate)/Ag composite microspheres: One-pot fabrication and application as catalyst. <i>Polymer Engineering and Science</i> , 2010, 50, 1767-1772.	3.1	6
17	Compact large area and high-quality Au film with a hierarchical structure and its application in SERS. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 11900.	2.8	5
18	Networked Pd (core) @ polyaniline (shell) composite: Highly electro-catalytic ability and unique selectivity. <i>Applied Surface Science</i> , 2018, 428, 809-814.	6.1	5

#	ARTICLE	IF	CITATIONS
19	Nanoscaled gold and silver: Simultaneous removal and transformation to functional materials. Journal of Hazardous Materials, 2018, 342, 741-748.	12.4	5
20	The prevalent synthesis of one-dimensional noble metal nanostructures based on sulfonated polyaniline at room temperature. Journal of Nanoparticle Research, 2011, 13, 1717-1721.	1.9	3
21	Nanoporous gold film: fabrication and role as a catalytic reactor. Dalton Transactions, 2015, 44, 11929-11934.	3.3	3