

Zhihua Li

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

293
citations

1039406

9
h-index

887659

17
g-index

19
all docs

19
docs citations

19
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	Research Progress on Applications of Polyaniline (PANI) for Electrochemical Energy Storage and Conversion. <i>Materials</i> , 2020, 13, 548.	1.3	77
2	Characterization of polyaniline/Ag nanocomposites using H ₂ O ₂ and ultrasound radiation for enhancing rate. <i>Polymer Composites</i> , 2010, 31, 1662-1668.	2.3	42
3	Use of a novel layered titanoniobate as an anode material for long cycle life sodium ion batteries. <i>RSC Advances</i> , 2016, 6, 35746-35750.	1.7	27
4	Significant Parameters in the Optimization of Synthesis of Silver Nanoparticles by Chemical Reduction Method. <i>Journal of Materials Engineering and Performance</i> , 2010, 19, 252-256.	1.2	21
5	Polyaniline/silver nanocomposites synthesized via UV-assisted aniline polymerization with a reversed micellar microemulsion system. <i>Polymer Composites</i> , 2016, 37, 1064-1071.	2.3	17
6	High glass transition temperature shape-memory materials: Hydroxyl-terminated polydimethylsiloxane-modified cyanate ester. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48641.	1.3	15
7	Shape memory CTBN/epoxy resin/cyanate ester ternary resin and their carbon fiber reinforced composites. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48756.	1.3	15
8	Polyaniline/Ag nanocomposite synthesized by using aniline as dispersant and stabilizer of nanosilver sol. <i>Journal of Applied Polymer Science</i> , 2013, 128, 3933-3938.	1.3	13
9	Doping effects of cerium ion on structure and electrochemical properties of polyaniline. <i>Polymer International</i> , 2018, 67, 121-126.	1.6	12
10	Polyaniline/silver/cerium nitrate ternary composite: Synthesis, characterization and enhanced electrochemical properties. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	9
11	Enhancement of hydrophobicity and UV aging resistance of Poly (p-phenylene benzobisoxazole) fibers modified by fluorosilane and UV absorber. <i>Scientific Reports</i> , 2019, 9, 8599.	1.6	9
12	Synthesis and Thermal Properties of Ethynyl Phenyl Azo Phenol-biphenylene Resin. <i>ACS Omega</i> , 2019, 4, 1-8.	1.6	9
13	Reversed micelle Synthesis of Ag/polyaniline nanocomposites via an in situ ultraviolet photo-redox mechanism. <i>Polymer Composites</i> , 2012, 33, 451-458.	2.3	6
14	Ce ³⁺ -Doped Polyaniline Hollow Microspheres as Electrode Material of Supercapacitor. <i>ChemistrySelect</i> , 2018, 3, 6737-6742.	0.7	5
15	Shape memory epoxy resin and its composite with good shape memory performance and high mechanical strength. <i>Polymer Bulletin</i> , 2023, 80, 1641-1655.	1.7	5
16	A novel underwater acoustically transparent material: Fluorosilicone polyester polyurethane. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47894.	1.3	4
17	Preparation of polyaniline hollow microspheres/zinc composite and its application in lithium battery. <i>High Performance Polymers</i> , 2019, 31, 178-185.	0.8	4
18	Investigation of Novel Short Fiber-like Polyaniline/Cerium Nitrate Composite. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2019, 34, 183-188.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Silver nanoparticles prepared by using poly(2-acrylamido-2-methylpropane sulphonic acid) as a surfactant. Micro and Nano Letters, 2014, 9, 750-752.	0.6	1