

Xiaohong He

List of Publications by Year in descending order

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26
papers

438
citations

687363

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h-index

752698

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27
docs citations

27
times ranked

327
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymeric micro-reactors mediated synthesis and assembly of Ag nanoparticles into cube-like superparticles for SERS application. <i>Chemical Engineering Journal</i> , 2020, 395, 125123.	12.7	60
2	Quantum dots encoded white-emitting polymeric superparticles for simultaneous detection of multiple heavy metal ions. <i>Journal of Hazardous Materials</i> , 2021, 405, 124263.	12.4	44
3	One-step fabrication of dual functional Tb ³⁺ coordinated polymeric micro/nano-structures for Cr(VI) adsorption and detection. <i>Journal of Hazardous Materials</i> , 2022, 423, 127166.	12.4	44
4	Solid state effective luminescent probe based on CdSe@CdS/amphiphilic co-polyarylene ether nitrile core-shell superparticles for Ag ⁺ detection and optical strain sensing. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 442-450.	7.8	43
5	Emulsion confinement self-assembly regulated lanthanide coordinating polymeric microparticles for multicolor fluorescent nanofibers. <i>Polymer</i> , 2021, 230, 124043.	3.8	28
6	3D confined self-assembling of QD within super-engineering block copolymers as biocompatible superparticles enabling stimulus responsive solid state fluorescence. <i>Nano Research</i> , 2021, 14, 285-294.	10.4	23
7	Dual-Mode Fluorescence and Magnetic Resonance Imaging Nanoprobe Based on Aromatic Amphiphilic Copolymer Encapsulated CdSe@CdS and Fe ₃ O ₄ . <i>ACS Applied Bio Materials</i> , 2018, 1, 520-528.	4.6	22
8	Emulsion solvent evaporation induced self-assembly of polyarylene ether nitrile block copolymers into functional metal coordination polymeric microspheres. <i>Polymer</i> , 2020, 186, 122024.	3.8	17
9	Au nanorods modulated NIR fluorescence and singlet oxygen generation of water soluble dendritic zinc phthalocyanine. <i>Journal of Colloid and Interface Science</i> , 2016, 482, 252-259.	9.4	16
10	Large scale synthesis of an amorphous polyester elastomer with tunable mechanoluminescence and preliminary application in optical strain sensing. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4134-4138.	5.5	15
11	Incorporation of polyethylene glycol into polyethylene terephthalate towards blue emitting co-polyester. <i>Materials Letters</i> , 2016, 182, 367-371.	2.6	14
12	Microemulsion self-assembling of novel amphiphilic block co-polyarylene ether nitriles and photosensitizer ZnPc towards hybrid superparticles for photocatalytic degradation of Rhodamine B. <i>Materials Chemistry and Physics</i> , 2018, 207, 212-220.	4.0	13
13	Facile fabrication of silver decorated polyarylene ether nitrile composited micro/nanospheres via microemulsion self-assembling. <i>Composites Part B: Engineering</i> , 2019, 156, 399-405.	12.0	13
14	Design of polymer composite-based porous membrane for in-situ photocatalytic degradation of adsorbed organic dyes. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 154, 110094.	4.0	13
15	Combining aggregation-induced emission and instinct high-performance of polyarylene ether nitriles via end-capping with tetraphenylethene. <i>European Polymer Journal</i> , 2022, 162, 110916.	5.4	13
16	Pb ²⁺ coordination-driven self-assembly of amorphous amphiphilic aromatic block copolymer into semi-crystallized nanostructures with enhanced fluorescence emission. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1057-1064.	5.5	11
17	Synthesis and self-assembly of polyethersulfone-based amphiphilic block copolymers as microparticles for suspension immunosensors. <i>Polymer Chemistry</i> , 2020, 11, 1496-1503.	3.9	10
18	Assembly of carboxylated zinc phthalocyanine with gold nanoparticle for colorimetric detection of calcium ion. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 8380-8389.	2.2	7

#	ARTICLE	IF	CITATIONS
19	Scalable Fabrication of Metallopolymeric Superstructures for Highly Efficient Removal of Methylene Blue. <i>Nanomaterials</i> , 2019, 9, 1001.	4.1	7
20	Immobilization of Ag nanowire into zinc phthalocyanine doped copolyester elastomer for optoelectric flexible strain sensor. <i>Chemical Physics Letters</i> , 2018, 693, 55-59.	2.6	6
21	Structure-property and bioimaging application of the difunctional polyarylene ether nitrile with AIEE feature and carboxyl group. <i>Polymer</i> , 2021, 217, 123459.	3.8	6
22	An Immunosensor Based on Au-Ag Bimetallic NPs Patterned on a Thermal Resistant Flexible Polymer Substrate for In-Vitro Protein Detection. <i>Polymers</i> , 2019, 11, 1257.	4.5	4
23	Silver nanoparticles enhanced crystallization of polyethylene terephthalate-co-polyethylene glycol (PET-PEG) thermoplastic elastomer. <i>Polymer Bulletin</i> , 2022, 79, 4593-4605.	3.3	3
24	Adaptation of plants to high-calcium content karst regions: possible involvement of symbiotic microorganisms and underlying mechanisms. <i>Brazilian Journal of Biology</i> , 2020, 80, 209-214.	0.9	2
25	Robust polymeric scaffold from 3D soft confinement self-assembly of polycondensation aromatic polymer. <i>European Polymer Journal</i> , 2021, 161, 110815.	5.4	2
26	Self-Assembly of Homo-Polyarylene Ether Into Reactive Matrix for Fabrication of Hybrid Functional Microparticles. <i>Frontiers in Chemistry</i> , 0, 10, .	3.6	0