

Zhiyong Chen

List of Publications by Year in descending order

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17
papers

483
citations

933447

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888059

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docs citations

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times ranked

732
citing authors

#	ARTICLE	IF	CITATIONS
1	pH-sensitive Water-soluble Nanospheric Imprinted Hydrogels Prepared as Horseradish Peroxidase Mimetic Enzymes. <i>Advanced Materials</i> , 2010, 22, 1488-1492.	21.0	133
2	Protein-responsive imprinted polymers with specific shrinking and rebinding. <i>Journal of Molecular Recognition</i> , 2008, 21, 71-77.	2.1	69
3	Photothermally triggered cytosolic drug delivery of glucose functionalized polydopamine nanoparticles in response to tumor microenvironment for the GLUT1-targeting chemo-phototherapy. <i>Journal of Controlled Release</i> , 2020, 317, 232-245.	9.9	63
4	Glucose oxidase and polydopamine functionalized iron oxide nanoparticles: combination of the photothermal effect and reactive oxygen species generation for dual-modality selective cancer therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2190-2200.	5.8	36
5	Polyethylene glycol diacrylate-based supermacroporous monolithic cryogel as high-performance liquid chromatography stationary phase for protein and polymeric nanoparticle separation. <i>Journal of Chromatography A</i> , 2008, 1182, 128-131.	3.7	35
6	Synthesis of Hydrophobic Polymeric Cryogels with Supermacroporous Structure. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 659-664.	3.6	28
7	Synthesis of monodisperse micron-sized poly(divinylbenzene) microspheres by solvothermal precipitation polymerization. <i>Chemical Engineering Journal</i> , 2016, 289, 135-141.	12.7	22
8	Lotus-Root-like Supermacroporous Cryogels with Superphilicity for Rapid Separation of Oil-in-Water Emulsions. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2273-2281.	4.4	21
9	Preparation of Thermoresponsive Polymer Nanogels of Oligo(Ethylene Glycol) Diacrylate-Methacrylic Acid and Their Property Characterization. <i>Nanoscale Research Letters</i> , 2018, 13, 209.	5.7	18
10	Synthesis of stimuli-responsive poly(ethylene glycol) diacrylate/methacrylic acid-based nanogels and their application as drug delivery vehicle. <i>Colloid and Polymer Science</i> , 2015, 293, 441-451.	2.1	15
11	Green synthesis of polymeric microspheres that are monodisperse and superhydrophobic, via quiescent redox-initiated precipitation polymerization. <i>RSC Advances</i> , 2016, 6, 27846-27851.	3.6	10
12	Supermacroporous polydivinylbenzene cryogels with high surface area: Synthesis by solvothermal postcrosslinking and their adsorption behaviors for carbon dioxide and aniline. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47716.	2.6	10
13	Superamphiphilic Chitosan Cryogels for Continuous Flow Separation of Oil-In-Water Emulsions. <i>ACS Omega</i> , 2022, 7, 5937-5945.	3.5	8
14	Cancer Cell Preferential Penetration and pH-Responsive Drug Delivery of Oligorutin. <i>Biomacromolecules</i> , 2021, 22, 3679-3691.	5.4	6
15	Multifunctional Magnetic Hydrogels Fabricated by Iron Oxide Nanoparticles Mediated Radical Polymerization. <i>ACS Applied Polymer Materials</i> , 2022, 4, 4373-4381.	4.4	4
16	Biomimetic rigid cryogels with aligned micro-sized tubular structures prepared by conventional redox-induced cryopolymerization in a freezer. <i>Chemical Engineering Journal</i> , 2022, 427, 131903.	12.7	3
17	Functional monodisperse microspheres fabricated by solvothermal precipitation co-polymerization. <i>Chinese Journal of Chemical Engineering</i> , 2021, 34, 323-331.	3.5	2