Xiaoli Zhu

List of Publications by Year
in descending order

27 papers	544 citations	567281 15 h-index	642732 23 g-index
27 all docs	27 docs citations	27 times ranked	512 citing authors

#	Article	IF	Citations
1	One step preparation of porous polyurea by reaction of toluene diisocyanate with water and its characterization. RSC Advances, 2014, 4, 33520-33529.	3.6	57
2	Precipitation Polymerization in Ethanol and Ethanol/Water to Prepare Uniform Microspheres of Poly(TMPTAâ€styrene). Macromolecular Rapid Communications, 2009, 30, 909-914.	3.9	54
3	Preparation and characterization of nanosized P(NIPAM-MBA) hydrogel particles and adsorption of bovine serum albumin on their surface. Nanoscale Research Letters, 2012, 7, 519.	5.7	40
4	Fluorescent linear polyurea based on toluene diisocyanate: Easy preparation, broad emission and potential applications. Chemical Engineering Journal, 2020, 399, 125867.	12.7	36
5	A facile route to preparation of uniform polymer microspheres by quiescent polymerization with reactor standing still without any stirring. Chemical Engineering Journal, 2012, 213, 214-217.	12.7	34
6	Preparation of coreâ€“shell and hollow polyurea microspheres via precipitation polymerization using polyamine as crosslinker monomer. Polymer Chemistry, 2013, 4, 5776.	3.9	33
7	Preparation of uniform and porous polyurea microspheres of large size through interfacial polymerization of toluene diisocyanate in water solution of ethylene diamine. Chemical Engineering Journal, 2016, 303, 48-55.	12.7	30
8	A novel protocol for the preparation of uniform polymer microspheres with high yields through step polymerization of isophorone diisocyanate. Journal of Polymer Science Part A, 2011, 49, 4492-4497.	2.3	28
9	Synthesis of Hydrophobic Polymeric Cryogels with Supermacroporous Structure. Macromolecular Materials and Engineering, 2016, 301, 659-664.	3.6	28
10	Preparation of highly uniform and crosslinked polyurea microspheres through precipitation copolymerization and their property and structure characterization. RSC Advances, 2014, 4, 32134-32141.	3.6	26
11	Effective enhancement of Cu ions adsorption on porous polyurea adsorbent by carboxylic modification of its terminal amine groups. Reactive and Functional Polymers, 2020, 147, 104450.	4.1	23
12	Easy preparation of porous polyurea through copolymerization of toluene diisocyanate with ethylenediamine and its use as absorbent for copper ions. Reactive and Functional Polymers, 2018, 133, 143-152.	4.1	20
13	Preparation of Highly Uniform Polyurea Microspheres through Precipitation Polymerization and Their Characterization. Industrial & Engineering Chemistry Research, 2016, 55, 11528-11535.	3.7	19
14	Fabrication of superhydrophobic/oleophilic membranes by chemical modification of cellulose filter paper and their application trial for oilâ€“water separation. Cellulose, 2020, 27, 6093-6101.	4.9	17
15	One step in situ self-assembly of microspheres through precipitation polymerization in the presence of an organic template. Soft Matter, 2011, 7, 4055.	2.7	16
16	Easy preparation of superoleophobic membranes based on cellulose filter paper and their use for waterâ€“oil separation. Cellulose, 2019, 26, 6813-6823.	4.9	15
17	Polyurea Structure Characterization by HR-MAS NMR Spectroscopy. Industrial & Engineering Chemistry Research, 2017, 56, 2993-2998.	3.7	13
18	Styrene-butyl acrylate copolymers latexes prepared with different functional monomers and their application as anti-icing coatings. Journal of Polymer Research, 2014, 21, 1.	2.4	11

#	Article	IF	Citations
19	A facile pathway to polyurea nanofiber fabrication and polymer morphology control in copolymerization of oxydianiline and toluene diisocyanate in acetone. RSC Advances, 2015, 5, 7426-7432.	3.6	10
20	Preparation of cationic functional polymer latexes and measurement of involatile monomer conversion. Journal of Applied Polymer Science, 2012, 124, 3662-3668.	2.6	7
21	Preparation and rheological properties of SEM-25 containing associative thickener latexes and their mechanisms of thickening. Polymer Bulletin, 2010, 64, 677-690.	3.3	6
22	Calculation of Grafting and Property Characterization in Polyurethaneâ€Acrylic Hybrid Materials Prepared by Emulsion Process. Macromolecular Chemistry and Physics, 2010, 211, 2201-2210.	2.2	6
23	One-step fabrication of colloidosomes through in situ self-assembly of micron-sized primary particles. Journal of Materials Chemistry, 2012, 22, 11483.	6.7	6
24	Influence of main ingredients on properties of latex and latex film in polysiloxane modification of styrene-butyl acrylate copolymers. Journal of Polymer Research, 2014, 21, 1.	2.4	5
25	Preparation of polydivinylbenzene microspheres in supercritical carbon dioxide using acetone as cosolvent. Colloid and Polymer Science, 2010, 288, 1571-1580.	2.1	2
26	Synthesis of postâ€modified poly(esterâ€amino) microspheres via azaâ€Michael precipitation polymerization and its use for enzyme immobilization. Polymers for Advanced Technologies, 2021, 32, 1802-1812.	3.2	1
27	Immobilization of cobalt oxide nanoparticles on porous nitrogen-doped carbon as electrocatalyst for oxygen evolution. Chinese Journal of Chemical Engineering, 2022, 52, 10-18.	3.5	1