

Xubao Jiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4358888/publications.pdf>

Version: 2024-02-01

31
papers

722
citations

430874

18
h-index

552781

26
g-index

31
all docs

31
docs citations

31
times ranked

578
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	Porous polyurea microspheres with Pd immobilized on surface and their catalytic activity in 4-nitrophenol reduction and organic dyes degradation. European Polymer Journal, 2020, 129, 109652.	5.4	49
3	Preparation and full characterization of cationic latex of styrene-butyl acrylate. Polymer, 2009, 50, 4220-4227.	3.8	46
4	High yield preparation of uniform polyurea microspheres through precipitation polymerization and their application as laccase immobilization support. Chemical Engineering Journal, 2017, 328, 1043-1050.	12.7	42
5	Fluorescence Behavior and Mechanisms of Poly(ethylene glycol) and Their Applications in Fe ³⁺ and Cr ⁶⁺ Detections, Data Encryption, and Cell Imaging. ACS Sustainable Chemistry and Engineering, 2021, 9, 5166-5178.	6.7	41
6	Fluorescent linear polyurea based on toluene diisocyanate: Easy preparation, broad emission and potential applications. Chemical Engineering Journal, 2020, 399, 125867.	12.7	36
7	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
8	Preparation of core-shell and hollow polyurea microspheres via precipitation polymerization using polyamine as crosslinker monomer. Polymer Chemistry, 2013, 4, 5776.	3.9	33
9	Influence of ingredients in water-based polyurethane-acrylic hybrid latexes on latex properties. Progress in Organic Coatings, 2008, 62, 251-257.	3.9	31
10	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
11	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
12	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
13	Highly Uniform and Porous Polyurea Microspheres: Clean and Easy Preparation by Interface Polymerization, Palladium Incorporation, and High Catalytic Performance for Dye Degradation. Frontiers in Chemistry, 2019, 7, 314.	3.6	25
14	Aliphatic amide salt, a new type of luminogen: Characterization, emission and biological applications. Chemical Engineering Journal, 2020, 388, 124182.	12.7	25
15	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
16	Preparation of Highly Uniform Polyurethane Microspheres by Precipitation Polymerization and Pd Immobilization on Their Surface and Their Catalytic Activity in 4-Nitrophenol Reduction and Dye Degradation. Industrial & Engineering Chemistry Research, 2020, 59, 2998-3007.	3.7	22
17	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
18	Formation and shape transition of porous polyurea of exotic forms through interfacial polymerization of toluene diisocyanate in aqueous solution of ethylenediamine and their characterization. European Polymer Journal, 2018, 109, 93-100.	5.4	20

#	ARTICLE	IF	CITATIONS
19	Preparation of Highly Uniform Polyurea Microspheres through Precipitation Polymerization and Their Characterization. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 11528-11535.	3.7	19
20	Catalysis of isocyanate reaction with water by DMF and its use for fast preparation of uniform polyurea microspheres through precipitation polymerization. <i>European Polymer Journal</i> , 2019, 115, 384-390.	5.4	19
21	Porous Polyurea Supported Pd Catalyst: Easy Preparation, Full Characterization, and High Activity and Reusability in Reduction of Hexavalent Chromium in Aqueous System. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 8108-8119.	3.7	16
22	Easy preparation of superoleophobic membranes based on cellulose filter paper and their use for water-oil separation. <i>Cellulose</i> , 2019, 26, 6813-6823.	4.9	15
23	Polyurea Structure Characterization by HR-MAS NMR Spectroscopy. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 2993-2998.	3.7	13
24	Preparation of uniform polyurea microspheres at high yield by precipitation polymerization and their use for laccase immobilization. <i>Polymer</i> , 2021, 216, 123432.	3.8	13
25	Styrene-butyl acrylate copolymers latexes prepared with different functional monomers and their application as anti-icing coatings. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	11
26	A facile pathway to polyurea nanofiber fabrication and polymer morphology control in copolymerization of oxydianiline and toluene diisocyanate in acetone. <i>RSC Advances</i> , 2015, 5, 7426-7432.	3.6	10
27	Pickering Emulsion Formation of Paraffin Wax in an Ethanol-Water Mixture Stabilized by Primary Polymer Particles and Wax Microspheres Thereof. <i>Langmuir</i> , 2018, 34, 2282-2289.	3.5	10
28	Calculation of Grafting and Property Characterization in Polyurethane-Acrylic Hybrid Materials Prepared by Emulsion Process. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 2201-2210.	2.2	6
29	Synthesis of post-modified poly(ester-amino) microspheres via azo-Michael precipitation polymerization and its use for enzyme immobilization. <i>Polymers for Advanced Technologies</i> , 2021, 32, 1802-1812.	3.2	1
30	Immobilization of cobalt oxide nanoparticles on porous nitrogen-doped carbon as electrocatalyst for oxygen evolution. <i>Chinese Journal of Chemical Engineering</i> , 2022, 52, 10-18.	3.5	1
31	Fabrication of solid and hollow colloidosomes through self-assembly of micron-sized polymer particles and their controlled transition. <i>Polymer</i> , 2021, 228, 123946.	3.8	0