

Jianhua Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

520
citations

687363

13
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in RAFT-mediated surfactant-free emulsion polymerization. <i>Polymer Chemistry</i> , 2018, 9, 2532-2561.	3.9	93
2	A robust starchâ€“polyacrylamide hydrogel with scavenging energy harvesting capacity for efficient solar thermoelectricityâ€“freshwater cogeneration. <i>Energy and Environmental Science</i> , 2022, 15, 3388-3399.	30.8	63
3	Cellulose nanocrystals/fluorinated polyacrylate soap-free emulsion prepared via RAFT-assisted Pickering emulsion polymerization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 177, 321-328.	5.0	32
4	Recent Research Progress in the Synthesis and Properties of Amphiphilic Block Co-polymers and Their Applications in Emulsion Polymerization. <i>Designed Monomers and Polymers</i> , 2009, 12, 19-41.	1.6	30
5	Synthesis and Properties of Nano-SiO ₂ /Polysiloxane Modified Polyacrylate Emulsifier-Free Emulsion. <i>Polymer-Plastics Technology and Engineering</i> , 2011, 50, 15-19.	1.9	29
6	Multi-Level Spatial Analysis for Change Detection of Urban Vegetation at Individual Tree Scale. <i>Remote Sensing</i> , 2014, 6, 9086-9103.	4.0	29
7	Synthesis of cellulose nanocrystals-armored fluorinated polyacrylate latexes via Pickering emulsion polymerization and their film properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 192, 111071.	5.0	25
8	RAFT-Mediated Polymerization-Induced Self-Assembly of Poly(Acrylic Acid)-b-Poly(Hexafluorobutyl) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	4.5	24
9	Nanocapsules containing binary phase change material obtained via miniemulsion polymerization with reactive emulsifier: Synthesis, characterization, and application in fabric finishing. <i>Polymer Engineering and Science</i> , 2019, 59, E42.	3.1	23
10	Synthesis of bifunctional nanoencapsulated phase change materials with nanoâ€“TiO ₂ modified polyacrylate shell for thermal energy storage and ultraviolet absorption. <i>Polymer International</i> , 2020, 69, 140-148.	3.1	23
11	Nanocrystalline cellulose/fluorinated polyacrylate latex via RAFTâ€“mediated surfactantâ€“free emulsion polymerization and its application as waterborne textile finishing agent. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1305-1314.	2.3	18
12	Synthesis and characterization of organic fluorine and nano-SiO ₂ modified polyacrylate emulsifier-free latex. <i>Progress in Organic Coatings</i> , 2015, 89, 192-198.	3.9	16
13	Synthesis and properties of fluorineâ€“silicon modified polyacrylate hybrid latex particles with coreâ€“shell structure obtained via emulsifierâ€“free emulsion polymerization. <i>Polymer International</i> , 2015, 64, 1373-1380.	3.1	15
14	SVM-based soft classification of urban tree species using very high-spatial resolution remote-sensing imagery. <i>International Journal of Remote Sensing</i> , 2016, 37, 2541-2559.	2.9	13
15	Preparation of cellulose nanocrystal-dressed fluorinated polyacrylate latex particles via RAFT-mediated Pickering emulsion polymerization and application on fabric finishing. <i>Cellulose</i> , 2020, 27, 6617-6628.	4.9	13
16	Bifunctional polypyrrole-based conductive paper towards simultaneous efficient solar-driven water evaporation and electrochemical energy storage. <i>Nanoscale</i> , 2022, 14, 6949-6958.	5.6	13
17	Fluorosilicone modified polyacrylate emulsifier-free latex: Synthesis, properties, and application in fabric finishing. <i>Fibers and Polymers</i> , 2017, 18, 625-632.	2.1	11
18	Enhanced thermal properties for nanoencapsulated phase change materials with functionalized graphene oxide (FGO) modified PMMA. <i>Nanotechnology</i> , 2020, 31, 295704.	2.6	10

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19	Synthesis of nano-TiO ₂ /fluorinated polyacrylate core-shell latex and its application in fabric finishing. <i>Polymer Composites</i> , 2018, 39, 4467-4476.	4.6	9
20	Synthesis of Ag/fluorine-containing polyacrylate latex stabilized by Ag nanoparticle hybrid amphiphilic random copolymer micelles via Pickering emulsion polymerization and its application on fabric finishing. <i>Cellulose</i> , 2020, 27, 9123-9134.	4.9	9
21	Mapping Vegetation-Covered Urban Surfaces Using Seeded Region Growing in Visible-NIR Air Photos. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 2212-2221.	4.9	7
22	Synthesis and Properties of Waterborne Polyurethane Modified with Guar Gum Polysaccharide. <i>ChemistrySelect</i> , 2020, 5, 2348-2353.	1.5	6
23	Viâ€‹PDMS incorporated with protein-based coatings designed for permeability-enhanced applications. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46501.	2.6	5
24	Synthesis of pH-responsive block copolymer micelles via RAFT polymerization induced self-assembly and its application in emulsifier-free emulsion polymerization. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 131-141.	1.6	1