

Longhai Guo

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

249
citations

933447

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all docs

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23
times ranked

332
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Healing Polycaprolactone Networks through Thermo-Induced Reversible Disulfide Bond Formation. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800121.	3.9	42
2	The microcapsule-type formaldehyde scavenger: The preparation and the application in urea-formaldehyde adhesives. <i>Journal of Hazardous Materials</i> , 2015, 293, 46-53.	12.4	26
3	A "green" method for preparing ABCBA penta-block elastomers by using RAFT emulsion polymerization. <i>Polymer Chemistry</i> , 2017, 8, 3013-3021.	3.9	26
4	Achievement of Both Mechanical Properties and Intrinsic Self-Healing under Body Temperature in Polyurethane Elastomers: A Synthesis Strategy from Waterborne Polymers. <i>Polymers</i> , 2020, 12, 989.	4.5	20
5	Novel tri-block copolymers of poly(acrylic acid)-b-poly(2,2,3,3,4,4,4-hexafluorobutyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 2016, 7, 3993-3997.	3.9	19
6	Study of glycidyl ether as a new kind of modifier for urea-formaldehyde wood adhesives. <i>Journal of Applied Polymer Science</i> , 2013, 128, 4086-4094.	2.6	18
7	Miniemulsion polymerization of fluorinated siloxane-acrylate latex and the application as waterborne textile finishing agent. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	14
8	Reduction-Coagulation Preparation of Hybrid Nanoparticles of Graphene and Halloysite Nanotubes for Use in Anticorrosive Waterborne Polymer Coatings. <i>ACS Applied Nano Materials</i> , 2018, 1, 1541-1550.	5.0	14
9	ABA-type triblock copolymer micellar system with lower critical solution temperature-type sol-gel transition. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 220-230.	9.4	13
10	Surfactant-Free Visible-Light-Controlled Emulsion Polymerization toward ABA-Type Amphiphilic Triblock Copolymers. <i>Macromolecules</i> , 2018, 51, 7329-7337.	4.8	11
11	Emulsion polymerization to synthesize self-healing films toward healing on fractures: A feasible strategy. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3071-3078.	2.3	10
12	Synthesis of waterborne polyurethane containing alkoxy silane side groups: Study on spacer linkages. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46628.	2.6	8
13	Tunable Nitrogen Defects on Graphitic Carbon Nitride toward the Visible-Light-Induced Reversible-Deactivation Radical Polymerization. <i>Macromolecules</i> , 2022, 55, 5314-5325.	4.8	5
14	The crosslinking directing dynamic behavior of polymer latex under the investigation toward waterborne damping coatings. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49676.	2.6	4
15	A post curing strategy toward the feasible covalent adaptable networks in polyacrylate latex films. <i>Journal of Polymer Science</i> , 2021, 59, 1807-1820.	3.8	4
16	<i>In situ</i> insight into the self-assembly evolution of ABA-type block copolymers in water during the gelation process using infrared spectroscopy and near-infrared spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 17004-17013.	2.8	4
17	Synthesis of polystyrene@silver-polypyrrole core/shell nanocomposite microspheres and study on their antibacterial activities. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	3
18	Synthesis of polypyrrole-polystyrene composite microspheres via pseudo-multicomponent heterophase polymerization and the potential application on Cr(VI) removal. <i>RSC Advances</i> , 2016, 6, 46900-46907.	3.6	2

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19	Engineering all- ϵ -aromatic polyamide surface from hydrophilic to superhydrophobic and the accelerated strategy. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51316.	2.6	2
20	Topology Reliable LCST-Type Behavior of ABA Triblock Polymer and Influence on Water Condensation and Crystallization. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2100024.	3.9	1
21	A role of visible light-mediated surface grafting on nano-SiO ₂ in Pickering emulsions. <i>Colloid and Polymer Science</i> , 2021, 299, 1819-1831.	2.1	1
22	Synthesis of poly(lactic acid)-based macro-porous foams with thermo-active shape memory property via W/O high internal phase emulsion polymerization. <i>Colloid and Polymer Science</i> , 2022, 300, 415-427.	2.1	1
23	Surface Decoration and Functionalization on Polymerization-Induced Aramid Nanofibers: Implications for Barrier Films and Light-to-Heat Conversion. <i>ACS Applied Nano Materials</i> , 2022, 5, 11059-11070.	5.0	1