

Luqing Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

392
citations

840776
11
h-index

752698
20
g-index

20
all docs

20
docs citations

20
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	Core-shell structured PVDF@BT nanoparticles for dielectric materials: A novel composite to prove the dependence of dielectric properties on ferroelectric shell. <i>Materials and Design</i> , 2019, 164, 107556.	7.0	70
2	A highly sensitive and ultra-stretchable zwitterionic liquid hydrogel-based sensor as anti-freezing ionic skin. <i>Journal of Materials Chemistry A</i> , 2022, 10, 3970-3988.	10.3	55
3	Cytocompatible and non-fouling zwitterionic hyaluronic acid-based hydrogels using thiol-ene "click" chemistry for cell encapsulation. <i>Carbohydrate Polymers</i> , 2020, 236, 116021.	10.2	52
4	Synthesis of fluorinated nanoparticles via RAFT dispersion polymerization-induced self-assembly using fluorinated macro-RAFT agents in supercritical carbon dioxide. <i>RSC Advances</i> , 2017, 7, 51612-51620.	3.6	31
5	Enhanced breakdown strength and suppressed dielectric loss of polymer nanocomposites with BaTiO ₃ fillers modified by fluoropolymer. <i>RSC Advances</i> , 2020, 10, 7065-7072.	3.6	20
6	Synthesis of Well-Defined PVDF-Based Amphiphilic Block Copolymer via Iodine Transfer Polymerization for Antifouling Membrane Application. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 8689-8697.	3.7	18
7	Synthesis and Surface Activities of Novel Succinic Acid Double-Tailed Sulfonate Fluorinated Surfactants. <i>Journal of Surfactants and Detergents</i> , 2016, 19, 559-565.	2.1	16
8	Constructing nanocomposites with robust covalent connection between nanoparticles and polymer for high discharged energy density and excellent tensile properties. <i>Journal of Energy Chemistry</i> , 2022, 68, 195-205.	12.9	16
9	Photocontrollable Wrinkle Morphology Evolution on Azo-Based Multilayers for Hierarchical Surface Micropatterns Fabrication. <i>Langmuir</i> , 2019, 35, 2601-2609.	3.5	15
10	An enzyme response-regulated colorimetric assay for pattern recognition sensing application using biomimetic inorganic-protein hybrid nanoflowers. <i>Chemical Engineering Journal</i> , 2022, 431, 134107.	12.7	15
11	Preparation of Thermo-Responsive and Cross-Linked Fluorinated Nanoparticles via RAFT-Mediated Aqueous Polymerization in Nanoreactors. <i>Molecules</i> , 2017, 22, 152.	3.8	11
12	Robust Scalable-Manufactured Smart Fabric Surfaces Based on Azobenzene-Containing Maleimide Copolymers for Rewritable Information Storage and Hydrogen Fluoride Visual Sensor. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 42024-42034.	8.0	11
13	Integration of a Hydrophilic Hyperbranched Polymer and a Quaternary Ammonium Compound to Mitigate Membrane Biofouling. <i>ACS Applied Polymer Materials</i> , 2022, 4, 229-239.	4.4	11
14	Improved permeability and biofouling resistance of microfiltration membranes via quaternary ammonium and zwitterion dual-functionalized diblock copolymers. <i>European Polymer Journal</i> , 2020, 135, 109883.	5.4	10
15	Synthesis and Surface Activities of Novel Monofluoroalkyl Phosphate Surfactants. <i>Journal of Surfactants and Detergents</i> , 2012, 15, 83-88.	2.1	9
16	Free radical copolymerization of trifluoroethyl methacrylate with perfluoroalkyl ethyl acrylates for superhydrophobic coating application. <i>Journal of Coatings Technology Research</i> , 2019, 16, 711-719.	2.5	9
17	Preparation and Insights of Smart Foams with Phototunable Foamability Based on Azobenzene-Containing Surfactants. <i>Langmuir</i> , 2020, 36, 15423-15429.	3.5	9
18	Synthesis and Surface Activities of Novel Succinic Acid Monofluoroalkyl Sulfonate Surfactants. <i>Journal of Surfactants and Detergents</i> , 2013, 16, 183-190.	2.1	7

#	ARTICLE	IF	CITATIONS
19	An alternating copolymer of maleic anhydride and ethyl vinyl ether: synthesis in supercritical carbon dioxide, characterization, and properties. <i>Designed Monomers and Polymers</i> , 2013, 16, 283-290.	1.6	4
20	Synthesis and performance of a Mono (dodecafluoroheptyl) acetate surfactant. <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 431-439.	2.4	3