Lei Lei

List of Publications by Year
in descending order

32 papers	780 citations	430442 18 h-index	500791 28 g-index
32 all docs	32 docs citations	32 times ranked	803 citing authors

#	Article	IF	Citations
1	Covalently immobilization of modified graphene oxide with waterborne hydroxyl acrylic resin for anticorrosive reinforcement of its coatings. Progress in Organic Coatings, 2022, 163, 106685.	1.9	7
2	Micron-dimensional sulfonated graphene sheets co-stabilized emulsion polymerization to prepare acrylic latex used for reinforced anticorrosion coatings. Progress in Organic Coatings, 2022, 165, 106762.	1.9	7
3	Preparation and Self-Assembling of PLA-b-PNIPAM-b-PS Triblock Copolymer Thin Films. Journal of Nanoscience and Nanotechnology, 2021, 21, 2174-2184.	0.9	1
4	Fire-Resistant Flexible Polyurethane Foams via Nature-Inspired Chitosan-Expandable Graphite Coatings. ACS Applied Polymer Materials, 2021, 3, 4079-4087.	2.0	21
5	Wet or dry multifunctional coating prepared by visible light polymerisation with fire retardant, thermal protective, and antimicrobial properties. Cellulose, 2021, 28, 8821-8840.	2.4	6
6	Acrylate pressure-sensitive adhesives tape as cover membrane for preventing ultrasound probes from cross-infections. Surfaces and Interfaces, 2021, 27, 101503.	1.5	4
7	PNIPAM-immobilized gold-nanoparticles with colorimetric temperature-sensing and reusable temperature-switchable catalysis properties. Polymer Chemistry, 2021, 12, 6903-6913.	1.9	6
8	Transparent omniphobic polyurethane coatings containing partially acetylated Î²â€“cyclodextrin as the polyol. Chemical Engineering Journal, 2020, 380, 122554.	6.6	46
9	Anticorrosion reinforcement of waterborne polyacrylate coating with nanoâ€‘TiO₂ loaded graphene. Journal of Applied Polymer Science, 2020, 137, 48733.	1.3	7
10	Bio-based omniphobic polyurethane coating providing anti-smudge and anti-corrosion protection. Progress in Organic Coatings, 2020, 148, 105844.	1.9	19
11	One-pot polyvinyl chloride preparation utilizing polyacrylate latex with tertiary amine groups for improved thermal stability, toughness, and reduced reactor scaling. Polymer Testing, 2020, 90, 106691.	2.3	7
12	Toughness modification of cationic UV-cured cycloaliphatic epoxy resin by hydroxyl polymers with different structures. European Polymer Journal, 2020, 127, 109594.	2.6	23
13	High internal phase emulsions stabilized with carboxymethylated lignin for encapsulation and protection of environmental sensitive natural extract. International Journal of Biological Macromolecules, 2020, 158, 430-442.	3.6	25
14	Hydrogen-Bonding Reinforced Injectable Hydrogels: Application As a Thermo-Triggered Drug Controlled-Release System. ACS Applied Polymer Materials, 2020, 2, 1587-1596.	2.0	31
15	Development of anti-photo and anti-thermal high internal phase emulsions stabilized by biomass lignin as a nutraceutical delivery system. Food and Function, 2019, 10, 355-365.	2.1	26
16	Neutral fabrication of UV-blocking and antioxidation lignin-stabilized high internal phase emulsion encapsulates for high efficient antibacterium of natural curcumin. Food and Function, 2019, 10, 3543-3555.	2.1	25
17	PDMS-Infused Poly(High Internal Phase Emulsion) Templates for the Construction of Slippery Liquid-Infused Porous Surfaces with Self-cleaning and Self-repairing Properties. Langmuir, 2019, 35, 8276-8284.	1.6	26
18	Crystal Growth of Metalâ€“Organic Framework-5 around Cellulose-Based Fibers Having a Necklace Morphology. ACS Omega, 2019, 4, 169-175.	1.6	35

#	Article	IF	Citations
19	Biomass Lignin Stabilized Anti-UV High Internal Phase Emulsions: Preparation, Rheology, and Application As Carrier Materials. ACS Sustainable Chemistry and Engineering, 2019, 7, 810-818.	3.2	40
20	Synthesis and Self-Assembly of Block Copolymers Containing Temperature Sensitive and Degradable Chain Segments. Journal of Nanoscience and Nanotechnology, 2018, 18, 3266-3273.	0.9	4
21	Gas-Responsive Polymers. ACS Macro Letters, 2017, 6, 515-522.	2.3	81
22	Highly Porous Poly(high internal phase emulsion) Membranes with â€œOpen-Cellâ€•Structure and CO₂-Switchable Wettability Used for Controlled Oil/Water Separation. Langmuir, 2017, 33, 11936-11944.	1.6	72
23	CO₂/N₂-Switchable Thermoresponsive Ionic Liquid Copolymer. Macromolecules, 2017, 50, 8378-8389.	2.2	11
24	Development of Novel Materials from Polymerization of Pickering Emulsion Templates. Advances in Polymer Science, 2017, , 101-119.	0.4	14
25	CO₂-Switchable Membranes Prepared by Immobilization of CO₂-Breathing Microgels. ACS Applied Materials & Interfaces, 2017, 9, 44146-44151.	4.0	28
26	Breathable Microgel Colloidosome: Gas-Switchable Microcapsules with O₂ and CO₂ Tunable Shell Permeability for Hierarchical Size-Selective Control Release. Langmuir, 2017, 33, 6108-6115.	1.6	19
27	Oxygen-switchable thermo-responsive random copolymers. Polymer Chemistry, 2016, 7, 5456-5462.	1.9	16
28	High internal phase emulsion with double emulsion morphology and their templated porous polymer systems. Journal of Colloid and Interface Science, 2016, 483, 232-240.	5.0	56
29	CO₂â€Breathing Induced Reversible Activation of Mechanophore within Microgels. Macromolecular Rapid Communications, 2016, 37, 957-962.	2.0	33
30	Oxygen and Carbon Dioxide Dual Gas-Switchable Thermoresponsive Homopolymers. ACS Macro Letters, 2016, 5, 828-832.	2.3	34
31	Oxygen and Carbon Dioxide Dual Gas-Responsive and Switchable Microgels Prepared from Emulsion Copolymerization of Fluoro- and Amino-Containing Monomers. Langmuir, 2015, 31, 2196-2201.	1.6	47
32	Longâ€rangeâ€ordered, hexagonally packed nanoporous membranes from degradableâ€blockâ€containing diblock copolymer film templates. Journal of Applied Polymer Science, 2014, 131, .	1.3	3