

Ganwei Zhang

List of Publications by Year in descending order

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papers

791
citations

471509

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994
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#	ARTICLE	IF	CITATIONS
1	Visible-light-driven 3D Bi ₅ O ₇ /BiOCl microsphere with enhanced photocatalytic capability: Performance, degradation pathway, antibacterium and mechanism. <i>Chemosphere</i> , 2022, 299, 134482.	8.2	18
2	Hydrophilic and Positively Charged Polyvinylidene Fluoride Membranes for Water Treatment with Excellent Anti-Oil and Anti-Biocontamination Properties. <i>Membranes</i> , 2022, 12, 438.	3.0	8
3	Janus membrane prepared via one step depositing coatings onto PVDF/PDMS membrane for simultaneous antiwetting and antifouling in DCMD. <i>Desalination</i> , 2022, 539, 115964.	8.2	18
4	Preparation of Multipurpose Polyvinylidene Fluoride Membranes via a Spray-Coating Strategy Using Waterborne Polymers. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 4485-4498.	8.0	25
5	Smart Self-Cleaning Membrane via the Blending of an Upper Critical Solution Temperature Diblock Copolymer with PVDF. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 38712-38721.	8.0	6
6	Fabrication of aramid-coated asymmetric PVDF membranes towards acidic and alkaline solutions concentration via direct contact membrane distillation. <i>Applied Surface Science</i> , 2021, 562, 150185.	6.1	18
7	Fabrication of antifouling membranes by blending poly(vinylidene fluoride) with cationic polyionic liquid. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48878.	2.6	12
8	Molecular Understanding and Design of Porous Polyurethane Hydrogels with Ultralow-Oil-Adhesion for Oil/Water Separation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56530-56540.	8.0	27
9	A Facile and Fast Approach To Coat Various Substrates with Poly(styrene-co-maleic anhydride) and Polyethyleneimine for Oil/Water Separation. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 19475-19485.	3.7	25
10	Fabrication of superhydrophilic and underwater superoleophobic membranes via an in situ crosslinking blend strategy for highly efficient oil/water emulsion separation. <i>Journal of Membrane Science</i> , 2019, 569, 60-70.	8.2	136
11	Poly(imidazoled glycidyl methacrylate-co-diethyleneglycol methyl ether methacrylate) – A new copolymer with tunable LCST and UCST behavior in water. <i>Polymer</i> , 2018, 157, 79-86.	3.8	8
12	Poly(3-imidazolyl-2-hydroxypropyl methacrylate) – a new polymer with a tunable upper critical solution temperature in water. <i>Polymer Chemistry</i> , 2016, 7, 6645-6654.	3.9	24
13	The facile preparation of self-cleaning fabrics. <i>Composites Science and Technology</i> , 2016, 122, 1-9.	7.8	39
14	Preparation, physicochemical characterization and application of acetylated lotus rhizome starches. <i>Carbohydrate Polymers</i> , 2016, 135, 10-17.	10.2	38
15	Bio-sorbents from cassava waste biomass and its performance in removal of Pb ²⁺ from aqueous solution. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	4
16	Hydrophilization of polysulfone membranes using a binary graft copolymer. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10410-10423.	10.3	24
17	Synthesis of poly(2-hydroxyethyl methacrylate) end-capped with asymmetric functional groups via atom transfer radical polymerization. <i>New Journal of Chemistry</i> , 2014, 38, 2538.	2.8	19
18	Simple approach towards fabrication of highly durable and robust superhydrophobic cotton fabric from functional diblock copolymer. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11246.	10.3	123

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19	Robust Superamphiphobic Coatings Based on Silica Particles Bearing Bifunctional Random Copolymers. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 13466-13477.	8.0	60
20	Statistical fluorinated copolymers from heterogeneous atom transfer radical copolymerization of styrene and 2,2,2-trifluoroethyl methacrylate with similar reactivity ratios. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1852-1864.	2.3	11
21	Ternary Graft Copolymers and Their Use in Nanocapsule Preparation. <i>Macromolecules</i> , 2013, 46, 2646-2657.	4.8	30
22	Synthesis and Bulk Self-Assembly of Well-Defined Binary Graft Copolymers. <i>Macromolecules</i> , 2013, 46, 4053-4063.	4.8	21
23	Bi-functional random copolymers for one-pot fabrication of superamphiphobic particulate coatings. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6226.	10.3	43
24	Superhydrophobic Hierarchically Assembled Films of Diblock Copolymer Hollow Nanospheres and Nanotubes. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 2378-2386.	8.0	19
25	Fabrication of SiO ₂ hollow microsphere with urchin-like structure based on template from directed assembly of block copolymer. <i>Colloid and Polymer Science</i> , 2010, 288, 567-572.	2.1	1
26	Preparation of thermoresponsive polymers bearing amino acid diamide derivatives via RAFT polymerization. <i>Journal of Polymer Science Part A</i> , 2010, 48, 3573-3586.	2.3	34