

Guang Yang

List of Publications by Year in descending order

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22
papers

773
citations

840776

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1079
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#	ARTICLE	IF	CITATIONS
1	Multi-Stimulus-Responsive Shape-Memory Polymer Nanocomposite Network Cross-Linked by Cellulose Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4118-4126.	8.0	189
2	A Review: Electrospun Nanofiber Materials for Lithium-Sulfur Batteries. <i>Advanced Functional Materials</i> , 2019, 29, 1905467.	14.9	145
3	Applying bio-electric field of microbial fuel cell-upflow anaerobic sludge blanket reactor catalyzed blast furnace dusting ash for promoting anaerobic digestion. <i>Water Research</i> , 2019, 149, 215-224.	11.3	75
4	Proton Donor-Regulated Mechanically Robust Aramid Nanofiber Aerogel Membranes for High-Temperature Thermal Insulation. <i>ACS Nano</i> , 2022, 16, 5984-5993.	14.6	67
5	Body temperature-responsive two-way and moisture-responsive one-way shape memory behaviors of poly(ethylene glycol)-based networks. <i>Polymer Chemistry</i> , 2017, 8, 3833-3840.	3.9	55
6	Curing Kinetics and Mechanical Properties of <i>endo</i> -Dicyclopentadiene Synthesized Using Different Grubbs' Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 3001-3011.	3.7	50
7	Highly tough, multi-stimuli-responsive, and fast self-healing supramolecular networks toward strain sensor application. <i>Chemical Engineering Journal</i> , 2020, 389, 123468.	12.7	50
8	Highly sensitive, direction-aware, and transparent strain sensor based on oriented electrospun nanofibers for wearable electronic applications. <i>Chemical Engineering Journal</i> , 2022, 435, 135004.	12.7	42
9	UiO-66-NH ₂ functionalized cellulose nanofibers embedded in sulfonated polysulfone as proton exchange membrane. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 19106-19115.	7.1	26
10	Reinforcement of norbornene-based nanocomposites with norbornene functionalized multi-walled carbon nanotubes. <i>Chemical Engineering Journal</i> , 2016, 288, 9-18.	12.7	18
11	New insight into quinones triggered ferrate in-situ synthesized polynuclear Fe-hydroxyl complex for enhancing interfacial adsorption in highly efficient removal of natural organic matter. <i>Science of the Total Environment</i> , 2021, 770, 144844.	8.0	13
12	Cure kinetics and physical properties of poly(dicyclopentadiene/5-ethylidene-2-norbornene) initiated by different Grubbs' catalysts. <i>RSC Advances</i> , 2015, 5, 59120-59130.	3.6	12
13	Effect of Grubbs' catalysts on cure kinetics of <i>endo</i> -dicyclopentadiene. <i>Thermochimica Acta</i> , 2013, 566, 105-111.	2.7	10
14	Fluctuation of electrode potential based on molecular regulation induced diversity of electrogenesis behavior in multiple equilibrium microbial fuel cell. <i>Chemosphere</i> , 2019, 237, 124453.	8.2	8
15	Hydraulics characteristics of forward osmosis membrane module boundary based on FBC sensing technology: Hydraulic properties and operating condition optimization. <i>Chemosphere</i> , 2019, 226, 553-564.	8.2	4
16	Thermal characterization of epoxy nanocomposites containing polyhedral oligomeric silsesquioxane: Glass transition temperature and chemical conversion. <i>Fibers and Polymers</i> , 2017, 18, 131-139.	2.1	3
17	Evaluation of 5-ethylidene-2-norbornene with an adhesion promoter for self-healing applications. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 1170-1179.	2.1	2
18	An effective route for the fabrication of multi-walled carbon nanotubes-reinforced ROMP-based nanocomposites by solution casting technique. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 103, 60-68.	7.6	2

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19	Aramid fibril aerogel from steam-exploded PPTA pulp for thermal insulation. Journal of Polymer Research, 2022, 29, 1.	2.4	2
20	Development of biaxial stretchable nonwoven paddings using novel polymeric fibers. Polymers for Advanced Technologies, 2021, 32, 2887-2898.	3.2	0
21	Cure Behavior and Tensile Properties of Ethylidene Norbornene/endo-Dicyclopentadiene Blends. Polymers, 2015, 39, 506-513.	0.2	0
22	Assessment of hydraulic performance and fouling control caused by pulse flow in hollow fiber membrane module. AICHE Journal, 0, , .	3.6	0