

Jianwei Guo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

588
citations

15
h-index

22
g-index

56
ext. papers

757
ext. citations

4.3
avg, IF

4.24
L-index

#	Paper	IF	Citations
52	Characterization and experimental investigation of aluminum nitride-based composite phase change materials for battery thermal management. <i>Energy Conversion and Management</i> , 2020 , 204, 1123-1131	10.6	51
51	Cationic Gemini surfactants based on adamantane: Synthesis, surface activity and aggregation properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 441, 572-580	5.1	49
50	Polypeptide-based self-healing hydrogels: Design and biomedical applications. <i>Acta Biomaterialia</i> , 2020 , 113, 84-100	10.8	37
49	Delivery of anticancer drug using pH-sensitive micelles from triblock copolymer MPEG-b-PBAE-b-PLA. <i>Materials Science and Engineering C</i> , 2018 , 84, 254-262	8.3	37
48	Simulation and Operation Cost Estimate for Phenol Extraction and Solvent Recovery Process of Coal-Gasification Wastewater. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 12108-12115	3.9	33
47	Experimental investigation of the flame retardant and form-stable composite phase change materials for a power battery thermal management system. <i>Journal of Power Sources</i> , 2020 , 480, 229116	8.9	33
46	Novel halogen-free flame retardants based on adamantane for polycarbonate. <i>RSC Advances</i> , 2015 , 5, 67054-67065	3.7	24
45	Fabrication of PDEAEMA-based pH-responsive mixed micelles for application in controlled doxorubicin release. <i>RSC Advances</i> , 2017 , 7, 27564-27573	3.7	21
44	Synthesis of thermochemically stable tetraphenyladamantane-based microporous polymers as gas storage materials. <i>RSC Advances</i> , 2017 , 7, 16174-16180	3.7	19
43	Liquid-Liquid Equilibria for the Ternary System Methyl Isobutyl Ketone + 1,2-Benzenediol + Water. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 3663-3667	2.8	19
42	Liquid-Liquid Equilibria for the Ternary System Methyl Isobutyl Ketone + m-Benzenediol + Water. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 3324-3328	2.8	19
41	DPD studies on mixed micelles self-assembled from MPEG-PDEAEMA and MPEG-PCL for controlled doxorubicin release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 178, 56-65	6	18
40	pH-Responsive Micelles Assembled by Three-Armed Degradable Block Copolymers with a Cholic Acid Core for Drug Controlled-Release. <i>Polymers</i> , 2019 , 11,	4.5	16
39	Effect of adamantyl methacrylate on the thermal and mechanical properties of thermosensitive poly(N-isopropylacrylamide) hydrogels. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 155-163	2.9	16
38	Synthesis, Surface Property and Antimicrobial Activity of Cationic Gemini Surfactants Containing Adamantane and Amide Groups. <i>Journal of Surfactants and Detergents</i> , 2014 , 17, 943-950	1.9	15
37	On the improvement of properties of bioplastic composites derived from wasted cottonseed protein by rational cross-linking and natural fiber reinforcement. <i>Green Chemistry</i> , 2020 , 22, 8642-8655	10	14
36	Synthesis of Adamantane-Based Trimeric Cationic Surfactants. <i>Synthetic Communications</i> , 2013 , 43, 1161-1167	1.1	14

35	pH-Sensitive Micelles Based on Star Copolymer Ad-(PCL-b-PDEAEMA-b-PPEGMA) For Controlled Drug Delivery. <i>Polymers</i> , 2018 , 10,	4.5	12
34	Synthesis of an Efficient S/N-Based Flame Retardant and Its Application in Polycarbonate. <i>Polymers</i> , 2018 , 10,	4.5	11
33	Microporous organic polymers based on hexaphenylbiadamantane: Synthesis, ultra-high stability and gas capture. <i>Materials Letters</i> , 2017 , 187, 76-79	3.3	10
32	pH-Sensitive Mixed Micelles Assembled from PDEAEMA-PPEGMA and PCL-PPEGMA for Doxorubicin Delivery: Experimental and DPD Simulations Study. <i>Pharmaceutics</i> , 2020 , 12,	6.4	9
31	Exceptionally Stable Microporous Organic Frameworks with Rigid Building Units for Efficient Small Gas Adsorption and Separation. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 7548-7556	9.5	7
30	Synthesis of the polymerizable room temperature ionic liquid AMPS TEA and superabsorbency for organic liquids of its copolymeric gels with acrylamide. <i>Designed Monomers and Polymers</i> , 2014 , 17, 140-146	3.1	7
29	Microporous frameworks based on adamantane building blocks: Synthesis, porosity, selective adsorption and functional application. <i>Reactive and Functional Polymers</i> , 2018 , 130, 126-132	4.6	7
28	Bulk fabrication of porous organic framework polymers on flexible nanofibers and their application for water purification. <i>Reactive and Functional Polymers</i> , 2019 , 135, 58-64	4.6	6
27	Nano-Carriers Based on pH-Sensitive Star-Shaped Copolymers for Drug-Controlled Release. <i>Materials</i> , 2019 , 12,	3.5	6
26	Synthesis and luminescence properties of long-chain (2,7-carbazolyl)-adamantane copolymers. <i>Journal of Polymer Research</i> , 2017 , 24, 1	2.7	6
25	Performance of a Novel Sulfonate Flame Retardant Based on Adamantane for Polycarbonate. <i>Porrime</i> , 2013 , 37, 437-441	1	6
24	Immobilization of antibody conjugated ZnS quantum dots onto poly(2,6-dimethyl-1,4-phenylene oxide) nanofibers with Poly(N-isopropylacrylamide) grafts as reversibly fluorescence immunoassay. <i>Dyes and Pigments</i> , 2018 , 159, 198-208	4.6	6
23	DPD simulations and experimental study on reduction-sensitive polymeric micelles self-assembled from PCL-SS-PPEGMA for doxorubicin controlled release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 204, 111797	6	6
22	Experimental investigation on the essential cause of the degrading performances for an overcharging ternary battery. <i>International Journal of Energy Research</i> , 2020 , 44, 3134-3147	4.5	5
21	Synthesis of rigid cores based on 1,1?-biadamantane. <i>RSC Advances</i> , 2016 , 6, 8677-8680	3.7	5
20	Synthesis, Chloramphenicol Uptake, and In Vitro Release of Poly(AMPS TEA-Co-AAm) Gels with Affinity for Both Water and Alcohols. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014 , 63, 73-79	3	5
19	Synthesis of Poly(maleic anhydride-co-aurine) as a Biodegradable Detergent Builder. <i>Journal of Surfactants and Detergents</i> , 2014 , 17, 865-869	1.9	5
18	Polycarbonate/Sulfonamide Composites with Ultralow Contents of Halogen-Free Flame Retardant and Desirable Compatibility. <i>Materials</i> , 2020 , 13,	3.5	5

17	Injectable Thermo-sensitive and Wide-crack Self-healing Hydrogel Loaded with Antibacterial Anti-inflammatory Dipotassium Glycyrrhizate for Full-Thickness Skin Wound Repair.. <i>Acta Biomaterialia</i> , 2022 ,	10.8	5
16	Adamantane-Based Micro- and Ultra-Microporous Frameworks for Efficient Small Gas and Toxic Organic Vapor Adsorption. <i>Polymers</i> , 2019 , 11,	4.5	3
15	Microporous frameworks with conjugated π -electron skeletons for enhanced gas and organic vapor capture. <i>Microporous and Mesoporous Materials</i> , 2018 , 267, 80-83	5.3	3
14	Green SO ₂ conversion from flue gas by pH variation. <i>Clean Technologies and Environmental Policy</i> , 2016 , 18, 593-600	4.3	2
13	Synthesis and performances of biodegradable copolymers of disodium cis-epoxysuccinate and 2,3-oxiranerethane sulfonic acid sodium used as nonphosphoric detergent builders. <i>Polymer Bulletin</i> , 2015 , 72, 93-102	2.4	2
12	Rapid precipitation-reduction synthesis of carbon-supported silver for efficient oxygen reduction reaction in alkaline solution. <i>Journal of Solid State Electrochemistry</i> , 2019 , 23, 2601-2607	2.6	2
11	Polypseudorotaxanes Derived from Tetraphenylethylene: Preparation and Tandem-Activated Aggregation-Induced Emission. <i>Biomacromolecules</i> , 2021 , 22, 2248-2255	6.9	2
10	Hypoxia-sensitive micelles based on amphiphilic chitosan derivatives for drug-controlled release. <i>Polymers for Advanced Technologies</i> , 2021 , 32, 3113-3122	3.2	2
9	Enhancement of thermal stability and photoluminescent performance of blue light emitting material by incorporating adamantane moieties into carbazole system. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2018 , 55, 176-182	2.2	1
8	Synthesis and characterization of polyaspartic acid-glutamic acid grafted copolymers and their performances as detergent builder. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	1
7	Experimental studies for levulinic acid production from water hyacinth plant 2011 ,		1
6	Three-dimensional nanoporous organic frameworks based on rigid unites. <i>Materials Letters</i> , 2019 , 236, 155-158	3.3	1
5	Acid-Responsive Adamantane-Cored Amphiphilic Block Polymers as Platforms for Drug Delivery. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
4	Preparation and applications of hydrophilic quaternary ammonium salt type polymeric antistatic agents. <i>E-Polymers</i> , 2022 , 22, 370-378	2.7	1
3	Multiregulation of Aggregation-Induced Emission (AIE) via a Competitive Host-Guest Recognition and β -Amylase Hydrolyzing. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 2200022	2.6	0
2	Mesoscopic Simulations on the Aggregate Behavior of Oligomeric Adamantane Surfactants in Aqueous Solutions. <i>Tenside, Surfactants, Detergents</i> , 2016 , 53, 120-126	1	
1	pH-Sensitive micelles of adamantane-based random copolymer. <i>Materials Letters</i> , 2020 , 260, 126889	3.3	