

Zhaolan Zhai

List of Publications by Year in descending order

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17
papers

287
citations

840776

11
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888059

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all docs

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docs citations

17
times ranked

163
citing authors

#	ARTICLE	IF	CITATIONS
1	Photo-controlled self-assembly behavior of novel amphiphilic polymers with a rosin-based azobenzene group. <i>New Journal of Chemistry</i> , 2022, 46, 1399-1408.	2.8	4
2	Novel Temperature-Responsive Rosin-Derived Supramolecular Hydrogels Constructed by New Semicircular Aggregates. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 2280-2289.	5.2	16
3	Emulsions stabilized by a CO ₂ - switchable surfactant based on rigid rosin with or without charged nanoparticles. <i>Journal of Molecular Liquids</i> , 2022, 352, 118730.	4.9	2
4	Water-in-Oil Emulsion Gels Stabilized by a Low-Molecular Weight Organogelator Derived from Dehydroabiatic Acid. <i>Langmuir</i> , 2022, 38, 6049-6056.	3.5	10
5	pH-Induced hydrogels and viscoelastic solutions constructed by a Rosin-Based Pseudo-Gemini surfactant. <i>Journal of Molecular Liquids</i> , 2022, 361, 119445.	4.9	9
6	Ultra-stable soybean oil-in-water emulsions stabilized by a polymeric surfactant derived from soybean oil. <i>Industrial Crops and Products</i> , 2021, 160, 113093.	5.2	7
7	Photoresponsive Viscoelastic Solutions Based on Chiral Wormlike Micelles in Mixed Solutions Containing an Amphiphile Derived from Rosin. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 11282-11291.	5.2	9
8	pH-responsive foams based on a transition between a bola surfactant and a traditional surfactant. <i>Journal of Molecular Liquids</i> , 2020, 298, 111968.	4.9	17
9	pH-Responsive Wormlike Micelles Formed by an Anionic Surfactant Derived from Rosin. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10063-10070.	5.2	23
10	Supramolecular Hydrogels with Chiral Nanofibril Structures Formed from β -Cyclodextrin and a Rosin-Based Amino Acid Surfactant. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10056-10062.	5.2	13
11	Incorporation and recovery of SWNTs through phase behavior and aggregates transition induced by changes in pH in a cationic surfactants system. <i>Carbon</i> , 2019, 141, 618-625.	10.3	18
12	Phase Behavior and Aggregation in a Cationic System Dominated by an Anionic Surfactant Containing a Large Rigid Group. <i>Chemistry - A European Journal</i> , 2018, 24, 9033-9040.	3.3	28
13	Annular and threadlike wormlike micelles formed by a bio-based surfactant containing an extremely large hydrophobic group. <i>Soft Matter</i> , 2018, 14, 499-507.	2.7	43
14	CO ₂ -Responsive Pickering Emulsions Stabilized by a Bio-based Rigid Surfactant with Nanosilica. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 10769-10776.	5.2	30
15	Reversible dispersion and precipitation of single-walled carbon nanotubes using a pH-responsive rigid surfactant. <i>Chemical Communications</i> , 2018, 54, 12171-12173.	4.1	18
16	Wormlike micelles constructed by a highly water-soluble carboxylate surfactant containing a phenoxy and nonionic surfactant. <i>Journal of Molecular Liquids</i> , 2017, 248, 595-601.	4.9	18
17	Mechanically-sensitive hydrogels formed from β -cyclodextrin and an anionic surfactant containing a biphenyl group. <i>Soft Matter</i> , 2016, 12, 2715-2720.	2.7	22