# Zhaolan Zhai

List of Publications by Year
in descending order



| 17 | 287 | 840776 11 | 888059 17 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 17 | 17 | 17 | 163 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Annular and threadlike wormlike micelles formed by a bio-based surfactant containing an extremely large hydrophobic group. Soft Matter, 2018, 14, 499-507. | 2.7 | 43 |
| 2 | CO<sub>2</sub>-Responsive Pickering Emulsions Stabilized by a Bio-based Rigid Surfactant with Nanosilica. Journal of Agricultural and Food Chemistry, 2018, 66, 10769-10776. | 5.2 | 30 |
| 3 | Phase Behavior and Aggregation in a Catanionic System Dominated by an Anionic Surfactant Containing a Large Rigid Group. Chemistry - A European Journal, 2018, 24, 9033-9040. | 3.3 | 28 |
| 4 | pH-Responsive Wormlike Micelles Formed by an Anionic Surfactant Derived from Rosin. Journal of Agricultural and Food Chemistry, 2020, 68, 10063-10070. | 5.2 | 23 |
| 5 | Mechanically-sensitive hydrogels formed from Î²-cyclodextrin and an anionic surfactant containing a biphenyl group. Soft Matter, 2016, 12, 2715-2720. | 2.7 | 22 |
| 6 | Wormlike micelles constructed by a highly water-soluble carboxylate surfactant containing a phenoxy and nonionic surfactant. Journal of Molecular Liquids, 2017, 248, 595-601. | 4.9 | 18 |
| 7 | Reversible dispersion and precipitation of single-walled carbon nanotubes using a pH-responsive rigid surfactant. Chemical Communications, 2018, 54, 12171-12173. | 4.1 | 18 |
| 8 | Incorporation and recovery of SWNTs through phase behavior and aggregates transition induced by changes in pH in a catanionic surfactants system. Carbon, 2019, 141, 618-625. | 10.3 | 18 |
| 9 | pH-responsive foams based on a transition between a bola surfactant and a traditional surfactant. Journal of Molecular Liquids, 2020, 298, 111968. | 4.9 | 17 |
| 10 | Novel Temperature-Responsive Rosin-Derived Supramolecular Hydrogels Constructed by New Semicircular Aggregates. Journal of Agricultural and Food Chemistry, 2022, 70, 2280-2289. | 5.2 | 16 |
| 11 | Supramolecular Hydrogels with Chiral Nanofibril Structures Formed from Î²-Cyclodextrin and a Rosin-Based Amino Acid Surfactant. Journal of Agricultural and Food Chemistry, 2020, 68, 10056-10062. | 5.2 | 13 |
| 12 | Water-in-Oil Emulsion Gels Stabilized by a Low-Molecular Weight Organogelator Derived from Dehydroabietic Acid. Langmuir, 2022, 38, 6049-6056. | 3.5 | 10 |
| 13 | Photoresponsive Viscoelastic Solutions Based on Chiral Wormlike Micelles in Mixed Solutions Containing an Amphiphile Derived from Rosin. Journal of Agricultural and Food Chemistry, 2021, 69, 11282-11291. | 5.2 | 9 |
| 14 | pH-Induced hydrogels and viscoelastic solutions constructed by a Rosin-Based Pseudo-Gemini surfactant. Journal of Molecular Liquids, 2022, 361, 119445. | 4.9 | 9 |
| 15 | Ultra-stable soybean oil-in-water emulsions stabilized by a polymeric surfactant derived from soybean oil. Industrial Crops and Products, 2021, 160, 113093. | 5.2 | 7 |
| 16 | Photo-controlled self-assembly behavior of novel amphiphilic polymers with a rosin-based azobenzene group. New Journal of Chemistry, 2022, 46, 1399-1408. | 2.8 | 4 |
| 17 | Emulsions stabilized by a CO2 - switchable surfactant based on rigid rosin with or without charged nanoparticles. Journal of Molecular Liquids, 2022, 352, 118730. | 4.9 | 2 |