

Shen Jinglin

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | pH-Responsive Nanovesicles with Enhanced Emission Co-Assembled by Ag(I) Nanoclusters and Polyethyleneimine as a Superior Sensor for Al ³⁺ . ACS Applied Materials & Interfaces, 2018, 10, 3955-3963. | 8.0 | 94 |
| 2 | Self-assembly of water-soluble silver nanoclusters: superstructure formation and morphological evolution. Nanoscale, 2017, 9, 19191-19200. | 5.6 | 56 |
| 3 | Fluorescent oligomer as a chemosensor for the label-free detection of Fe ³⁺ and dopamine with selectivity and sensitivity. Analytica Chimica Acta, 2016, 926, 99-106. | 5.4 | 47 |
| 4 | Self-Assembled Chiral Phosphorescent Microflowers from Au Nanoclusters with Dual-Mode pH Sensing and Information Encryption. ACS Nano, 2021, 15, 4947-4955. | 14.6 | 44 |
| 5 | 3D welan gum-graphene oxide composite hydrogels with efficient dye adsorption capacity. RSC Advances, 2015, 5, 75589-75599. | 3.6 | 36 |
| 6 | Manipulation the behavior of supramolecular hydrogels of β -cyclodextrin/star-like block copolymer/carbon-based nanomaterials. Carbohydrate Polymers, 2015, 117, 592-599. | 10.2 | 35 |
| 7 | Design of organic/inorganic nanocomposites for ultrasensitive electrochemical detection of a cancer biomarker protein. Talanta, 2020, 212, 120794. | 5.5 | 34 |
| 8 | Studies on the gel behavior and luminescence properties of biological surfactant sodium deoxycholate/rare-earth salts mixed systems. Journal of Colloid and Interface Science, 2014, 431, 82-89. | 9.4 | 33 |
| 9 | Fabrication of Smart pH-Responsive Fluorescent Solid-like Giant Vesicles by Ionic Self-Assembly Strategy. Journal of Physical Chemistry C, 2016, 120, 27533-27540. | 3.1 | 30 |
| 10 | Manipulation of multiple-responsive fluorescent supramolecular materials based on the inclusion complexation of cyclodextrins with Tyloxapol. Journal of Materials Chemistry C, 2015, 3, 8104-8113. | 5.5 | 28 |
| 11 | Self-assembled chiral helical nanofibers by amphiphilic dipeptide derived from d - or l -threonine and application as a template for the synthesis of Au and Ag nanoparticles. Journal of Colloid and Interface Science, 2016, 484, 97-106. | 9.4 | 28 |
| 12 | Ionic Self-Assembly of a Giant Vesicle as a Smart Microcarrier and Microreactor. Langmuir, 2016, 32, 9548-9556. | 3.5 | 26 |
| 13 | Curcumin Alleviates LPS-Induced Oxidative Stress, Inflammation and Apoptosis in Bovine Mammary Epithelial Cells via the NFE2L2 Signaling Pathway. Toxins, 2021, 13, 208. | 3.4 | 26 |
| 14 | Amphiphilicity Regulation of Ag ⁺ Nanoclusters: Self-Assembly and Its Application as a Luminescent Probe. Chemistry - A European Journal, 2019, 25, 4713-4721. | 3.3 | 24 |
| 15 | Biodegradable, multiple stimuli-responsive sodium deoxycholate-amino acids-NaCl mixed systems for dye delivery. RSC Advances, 2014, 4, 62262-62271. | 3.6 | 23 |
| 16 | Reversible controlled morphologies switching between porous microspheres and urchin-like microcrystals for NaDC/RhB self-assembly and their multifunctional applications. Journal of Materials Chemistry C, 2016, 4, 8439-8447. | 5.5 | 23 |
| 17 | Modulating self-assembly behavior of a salt-free peptide amphiphile (PA) and zwitterionic surfactant mixed system. Journal of Colloid and Interface Science, 2016, 467, 43-50. | 9.4 | 23 |
| 18 | Fabrication of polyethyleneimine-functionalized reduced graphene oxide-hemin-bovine serum albumin (PEI-rGO-hemin-BSA) nanocomposites as peroxidase mimetics for the detection of multiple metabolites. Analytica Chimica Acta, 2019, 1070, 80-87. | 5.4 | 22 |

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|----|---|-----|-----------|
| 19 | Supramolecular hydrogels of β -cyclodextrin/reverse poloxamines/carbon-based nanomaterials and its multi-functional application. RSC Advances, 2015, 5, 40173-40182. | 3.6 | 21 |
| 20 | Manipulation the properties of supramolecular hydrogels of β -cyclodextrin/Tyloxapol/carbon-based nanomaterials. Journal of Colloid and Interface Science, 2016, 468, 78-85. | 9.4 | 19 |
| 21 | Fabrication of a Luminescent Supramolecular Hydrogel Based on the AIE Strategy of Gold Nanoclusters and their Application as a Luminescence Switch. Journal of Physical Chemistry C, 2020, 124, 23844-23851. | 3.1 | 18 |
| 22 | Ag- β -Cyclodextrin-Graphene Oxide Ternary Nanostructures with Peroxidase-Mimicking Activity for Hg ²⁺ Detection. ACS Applied Nano Materials, 2021, 4, 13807-13817. | 5.0 | 16 |
| 23 | The effect of pH on the properties of 3D welan gum-graphene oxide composite hydrogels and their excellent adsorption capacity. RSC Advances, 2016, 6, 94373-94381. | 3.6 | 15 |
| 24 | Stable monodisperse colloidal spherical gold nanoparticles formed by an imidazolium gemini surfactant-based water-in-oil microemulsion with excellent catalytic performance. RSC Advances, 2016, 6, 28156-28164. | 3.6 | 13 |
| 25 | Fabrication of a chiral luminescent hydrogel from gold nanoclusters <i>via</i> molecular recognition. Chemical Communications, 2021, 57, 10202-10205. | 4.1 | 13 |
| 26 | Modulating hierarchical self-assembly behavior of a peptide amphiphile/nonionic surfactant mixed system. RSC Advances, 2016, 6, 9186-9193. | 3.6 | 12 |
| 27 | Polydatin Protects Bovine Mammary Epithelial Cells against Zearalenone-Induced Apoptosis by Inhibiting Oxidative Responses and Endoplasmic Reticulum Stress. Toxins, 2021, 13, 121. | 3.4 | 11 |
| 28 | Incorporation of graphene oxide into C ₁₂ E ₄ /C ₁₂ mimBr hybrid lyotropic liquid crystal and its thermo-sensitive properties. RSC Advances, 2015, 5, 68404-68412. | 3.6 | 10 |
| 29 | Co-assembly of gold nanocluster with imidazolium surfactant into ordered luminescent fibers based on aggregation induced emission strategy. Journal of Molecular Liquids, 2019, 291, 111275. | 4.9 | 9 |
| 30 | Tailoring self-assembly behavior of a biological surfactant by imidazolium-based surfactants with different lengths of hydrophobic alkyl tails. RSC Advances, 2016, 6, 2966-2973. | 3.6 | 7 |
| 31 | Smart stimuli-responsive fluorescent vesicular sensor based on inclusion complexation of cyclodextrins with Tyloxapol. RSC Advances, 2016, 6, 11683-11690. | 3.6 | 7 |
| 32 | Reverse microemulsion-mediated synthesis of Au@SiO ₂ hybrid nanoparticles with different morphologies. Colloid and Polymer Science, 2015, 293, 1695-1703. | 2.1 | 6 |
| 33 | Formation of organogels with aggregation-induced emission characteristics triggered by thermal and ultrasound. Colloid and Polymer Science, 2017, 295, 1765-1772. | 2.1 | 6 |
| 34 | Au Nanocluster-Based Smart Multicolor Luminescent Hydrogels for Encryption Applications. ACS Applied Nano Materials, 2022, 5, 10047-10054. | 5.0 | 5 |
| 35 | A sensitive chemosensor for nitro-containing compounds based on Au nanoclusters/Ba ²⁺ co-assembly system: The crucial role of ligands to metal charge transfer. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 627, 127160. | 4.7 | 3 |
| 36 | Manipulating the Assembly of Au Nanoclusters for Luminescence Enhancement and Circularly Polarized Luminescence. Nanomaterials, 2022, 12, 1453. | 4.1 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|----|-----------|
| 37 | Self-assembly of metal nanoclusters in colloid science. , 2022, , 385-407. | | 0 |