

Yang Yang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,413
citations

430874

18
h-index

580821

25
g-index

31
all docs

31
docs citations

31
times ranked

2173
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Patterning of polyoxometalate rings on gold nanorods. <i>Chemical Communications</i> , 2020, 56, 1677-1680. | 4.1 | 4 |
| 2 | Two-dimensional polymers with versatile functionalities via gemini monomers. <i>Science Advances</i> , 2019, 5, eaaw9120. | 10.3 | 6 |
| 3 | A shape-shifting composite hydrogel sheet with spatially patterned plasmonic nanoparticles. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1679-1683. | 5.8 | 13 |
| 4 | A detour strategy for colloiddally stable block-copolymer grafted MAPbBr ₃ quantum dots in water with long photoluminescence lifetime. <i>Nanoscale</i> , 2018, 10, 5820-5826. | 5.6 | 45 |
| 5 | Photothermal Nanocomposite Hydrogel Actuator with Electric-Field-Induced Gradient and Oriented Structure. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7688-7692. | 8.0 | 137 |
| 6 | Synthesis and assembly of colloidal cuboids with tunable shape biaxiality. <i>Nature Communications</i> , 2018, 9, 4513. | 12.8 | 21 |
| 7 | Phase behaviors of colloidal analogs of bent-core liquid crystals. <i>Science Advances</i> , 2018, 4, eaas8829. | 10.3 | 30 |
| 8 | Chiral Plasmonic Nanochains <i>via</i> the Self-Assembly of Gold Nanorods and Helical Glutathione Oligomers Facilitated by Cetyltrimethylammonium Bromide Micelles. <i>ACS Nano</i> , 2017, 11, 3463-3475. | 14.6 | 95 |
| 9 | Supracolloidal Self-Assembly of Micro-Hosts and -Guests on Substrates. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 110-118. | 3.7 | 0 |
| 10 | Synthesis, Self-Assembly, and Applications of Amphiphilic Janus and Triblock Janus Nanoparticle Analogs. , 2017, , 233-275. | | 0 |
| 11 | Polynanomers from Polymerization of Inorganic Nanoparticles. , 2016, , . | | 0 |
| 12 | Collapsed polymer-directed synthesis of multicomponent coaxial-like nanostructures. <i>Nature Communications</i> , 2016, 7, 12147. | 12.8 | 32 |
| 13 | Making and Remaking Dynamic 3D Structures by Shining Light on Flat Liquid Crystalline Vitrimers without a Mold. <i>Journal of the American Chemical Society</i> , 2016, 138, 2118-2121. | 13.7 | 334 |
| 14 | Synthesis and Liquid-Crystal Behavior of Bent Colloidal Silica Rods. <i>Journal of the American Chemical Society</i> , 2016, 138, 68-71. | 13.7 | 32 |
| 15 | A novel single-side azobenzene-grafted Anderson-type polyoxometalate for recognition-induced chiral migration. <i>Chemical Communications</i> , 2014, 50, 10823. | 4.1 | 59 |
| 16 | Induced circular dichroism of polyoxometalates via electrostatic encapsulation with chiral organic cations. <i>Dalton Transactions</i> , 2014, 43, 13178. | 3.3 | 11 |
| 17 | Synthesis, Structural Characterization, and Thermoresponsivity of Hybrid Supramolecular Dendrimers Bearing a Polyoxometalate Core. <i>Chemistry - A European Journal</i> , 2013, 19, 11051-11061. | 3.3 | 16 |
| 18 | Chiral Heteropoly Blues and Controllable Switching of Achiral Polyoxometalate Clusters. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4577-4581. | 13.8 | 67 |

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|----|---|------|-----------|
| 19 | Chiral self-assembly and reversible light modulation of a polyoxometalate complex via host-guest recognition. <i>Chemical Communications</i> , 2013, 49, 9770. | 4.1 | 51 |
| 20 | A Photo-driven Polyoxometalate Complex Shuttle and Its Homogeneous Catalysis and Heterogeneous Separation. <i>Journal of the American Chemical Society</i> , 2013, 135, 14500-14503. | 13.7 | 132 |
| 21 | Supramolecular assembly of chiral polyoxometalate complexes for asymmetric catalytic oxidation of thioethers. <i>Journal of Materials Chemistry</i> , 2012, 22, 9181. | 6.7 | 49 |
| 22 | Photo-Responsive Self-Assembly of an Azobenzene-Ended Surfactant-Encapsulated Polyoxometalate Complex for Modulating Catalytic Reactions. <i>Small</i> , 2012, 8, 3105-3110. | 10.0 | 64 |
| 23 | Self-assembly and ion-trapping properties of inorganic nanocapsule-surfactant hybrid spheres. <i>Soft Matter</i> , 2011, 7, 2668. | 2.7 | 30 |
| 24 | Self-assembly and ion-trapping properties of inorganic nanocapsule-surfactant hybrid spheres. <i>Soft Matter</i> , 2011, 7, 2668. <i>Scientia Sinica Chimica</i> , 2011, 41, 261-270. | | |
| 25 | Self-Assembly and Structural Evolvement of Polyoxometalate-Anchored Dendron Complexes. <i>Chemistry - A European Journal</i> , 2010, 16, 8062-8071. | 3.3 | 60 |
| 26 | In situ fabrication of flower-like gold nanoparticles in surfactant-polyoxometalate-hybrid spherical assemblies. <i>Chemical Communications</i> , 2010, 46, 3750. | 4.1 | 58 |
| 27 | A novel polymerizable pigment based on surfactant-encapsulated polyoxometalates and their application in polymer coloration. <i>Dyes and Pigments</i> , 2008, 79, 105-110. | 3.7 | 12 |
| 28 | Incorporation of Polyoxometalates Into Polystyrene Latex by Supramolecular Encapsulation and Miniemulsion Polymerization. <i>Macromolecular Rapid Communications</i> , 2008, 29, 431-436. | 3.9 | 40 |