

Yao Xue

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

420
citations

1307594

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h-index

1199594

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13
docs citations

13
times ranked

551
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Physisorption of Poly(ethylene glycol) on Inorganic Nanoparticles. ACS Nano, 2022, 16, 6634-6645. | 14.6 | 14 |
| 2 | Dopamine Functionalized Polyethylene Glycol for Improving Stability of Gold Nanoparticles against Reactive Oxygen Species in Serum. Macromolecular Rapid Communications, 2022, , 2200035. | 3.9 | 4 |
| 3 | Oxidative Elimination and Reductive Addition of Thiol-Terminated Polymer Ligands to Metal Nanoparticles. Angewandte Chemie - International Edition, 2022, 61, . | 13.8 | 8 |
| 4 | Enhanced optical asymmetry in supramolecular chiroplasmonic assemblies with long-range order. Science, 2021, 371, 1368-1374. | 12.6 | 168 |
| 5 | Tuning the Chiral Morphology of Gold Nanoparticles with Oligomeric Gold-Glutathione Complexes. Journal of Physical Chemistry C, 2021, 125, 10708-10715. | 3.1 | 30 |
| 6 | Γ_1 -Solvent-Mediated Double-Shell Polyethylene Glycol Brushes on Nanoparticles for Improved Stealth Properties and Delivery Efficiency. Journal of Physical Chemistry Letters, 2021, 12, 5363-5370. | 4.6 | 8 |
| 7 | Solvent-Evaporation Induced and Mechanistic Entropy-Enthalpy-Balance Controlled Polymer Patch Formation on Nanoparticle Surfaces. Journal of Physical Chemistry Letters, 2021, 12, 7100-7105. | 4.6 | 7 |
| 8 | Emerging Trends in Chiral Inorganic Nanostructures. Israel Journal of Chemistry, 2021, 61, 851-862. | 2.3 | 15 |
| 9 | Covalently assembled ultrathin polymer nanocapsules to mimic a multienzyme-cascade antioxidative system. Materials Chemistry Frontiers, 2020, 4, 2797-2804. | 5.9 | 2 |
| 10 | Photodirected Morphing Structures of Nanocomposite Shape Memory Hydrogel with High Stiffness and Toughness. ACS Applied Materials & Interfaces, 2019, 11, 43631-43640. | 8.0 | 32 |
| 11 | A non-sacrificial method for the quantification of poly(ethylene glycol) grafting density on gold nanoparticles for applications in nanomedicine. Chemical Science, 2019, 10, 2067-2074. | 7.4 | 37 |
| 12 | Chiral Plasmonic Nanochains <i>via</i> the Self-Assembly of Gold Nanorods and Helical Glutathione Oligomers Facilitated by Cetyltrimethylammonium Bromide Micelles. ACS Nano, 2017, 11, 3463-3475. | 14.6 | 95 |
| 13 | Oxidative Elimination and Reductive Addition of Thiol-Terminated Polymer Ligands to Metal Nanoparticles. Angewandte Chemie, 0, , . | 2.0 | 0 |