

Yaxu Zhong

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

181
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

324
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Tuning infrared plasmon resonances in doped metal-oxide nanocrystals through cation-exchange reactions. <i>Nature Communications</i> , 2019, 10, 1394. | 12.8 | 64 |
| 2 | Heterometallic Seed-Mediated Growth of Monodisperse Colloidal Copper Nanorods with Widely Tunable Plasmonic Resonances. <i>Nano Letters</i> , 2020, 20, 7263-7271. | 9.1 | 49 |
| 3 | Broadband Tunable Mid-infrared Plasmon Resonances in Cadmium Oxide Nanocrystals Induced by Size-Dependent Nonstoichiometry. <i>Nano Letters</i> , 2020, 20, 2821-2828. | 9.1 | 29 |
| 4 | Macromolecular Ligand Engineering for Programmable Nanoprism Assembly. <i>Journal of the American Chemical Society</i> , 2021, 143, 16163-16172. | 13.7 | 15 |
| 5 | Enhanced mid-wavelength infrared refractive index of organically modified chalcogenide (ORMOCHALC) polymer nanocomposites with thermomechanical stability. <i>Optical Materials</i> , 2020, 108, 110197. | 3.6 | 12 |
| 6 | Controlling Infrared Plasmon Resonances in Inverse-Spinel Cadmium Stannate Nanocrystals via Site-Selective Cation-Exchange Reactions. <i>Chemistry of Materials</i> , 2021, 33, 1954-1963. | 6.7 | 8 |
| 7 | Novel computational design of high refractive index nanocomposites and effective refractive index tuning based on nanoparticle morphology effect. <i>Composites Part B: Engineering</i> , 2021, 223, 109128. | 12.0 | 4 |