

Jinming Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,439
citations

394421

19
h-index

501196

28
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30
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docs citations

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times ranked

1923
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Cracking enabled unclonability in colloidal crystal patterns authenticated with computer vision. <i>Nanoscale</i> , 2022, 14, 8833-8841. | 5.6 | 18 |
| 2 | The Combination of 2D Layered Graphene Oxide and 3D Porous Cellulose Heterogeneous Membranes for Nanofluidic Osmotic Power Generation. <i>Molecules</i> , 2021, 26, 5343. | 3.8 | 13 |
| 3 | Inkjet Printed Physically Unclonable Structural Color Anticounterfeiting Labels with Convenient Artificial Intelligence Authentication. <i>Advanced Materials Interfaces</i> , 2021, 8, 2101281. | 3.7 | 27 |
| 4 | Green, tough and highly efficient flame-retardant rigid polyurethane foam enabled by double network hydrogel coatings. <i>Soft Matter</i> , 2021, 17, 10555-10565. | 2.7 | 22 |
| 5 | Crack-free hematite inverse opal photo-anodes for enhancing photo-electrochemical water splitting. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22929-22937. | 10.3 | 25 |
| 6 | Enhancement of H ₂ O ₂ decomposition efficiency by the co-catalytic effect of iron phosphide on the Fenton reaction for the degradation of methylene blue. <i>Applied Catalysis B: Environmental</i> , 2019, 259, 118015. | 20.2 | 94 |
| 7 | Self-Healable Solid Polymeric Electrolytes for Stable and Flexible Lithium Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18146-18149. | 13.8 | 128 |
| 8 | Cascade-Induced Hierarchical Photonic Structures in Supramolecular Organogel for Deformation-Insensitive Structural Colors. <i>Advanced Optical Materials</i> , 2019, 7, 1801749. | 7.3 | 27 |
| 9 | Hierarchical Graphdiyne@NiFe layered double hydroxide heterostructures as a bifunctional electrocatalyst for overall water splitting. <i>Journal of Alloys and Compounds</i> , 2019, 794, 261-267. | 5.5 | 56 |
| 10 | Deformation-Insensitive Structural Colors: Cascade-Induced Hierarchical Photonic Structures in Supramolecular Organogel for Deformation-Insensitive Structural Colors (Advanced Optical Materials 6/2019). <i>Advanced Optical Materials</i> , 2019, 7, 1970024. | 7.3 | 0 |
| 11 | Multi-mode structural-color anti-counterfeiting labels based on physically unclonable amorphous photonic structures with convenient artificial intelligence authentication. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14069-14074. | 5.5 | 88 |
| 12 | Transition Metal Ions Promote the Bioavailability of Hydrophobic Therapeutics: Cu and Zn Interactions with RNA Polymerase II Inhibitor CX5461. <i>Chemistry - A European Journal</i> , 2018, 24, 6334-6338. | 3.3 | 6 |
| 13 | MnWO ₄ nanoparticles as advanced anodes for lithium-ion batteries: F-doped enhanced lithiation/delithiation reversibility and Li-storage properties. <i>Nanoscale</i> , 2018, 10, 6832-6836. | 5.6 | 23 |
| 14 | A novel bismuth-based anode material with a stable alloying process by the space confinement of an <i>in situ</i> conversion reaction for a rechargeable magnesium ion battery. <i>Chemical Communications</i> , 2018, 54, 1714-1717. | 4.1 | 42 |
| 15 | Highly Brilliant Noniridescent Structural Colors Enabled by Graphene Nanosheets Containing Graphene Quantum Dots. <i>Advanced Functional Materials</i> , 2018, 28, 1802585. | 14.9 | 137 |
| 16 | Structural Coloration: Highly Brilliant Noniridescent Structural Colors Enabled by Graphene Nanosheets Containing Graphene Quantum Dots (Adv. Funct. Mater. 29/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870198. | 14.9 | 3 |
| 17 | Self-Healable Organogel Nanocomposite with Angle-Independent Structural Colors. <i>Angewandte Chemie</i> , 2017, 129, 10598-10602. | 2.0 | 26 |
| 18 | Self-Healable Organogel Nanocomposite with Angle-Independent Structural Colors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10462-10466. | 13.8 | 131 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | A novel material Li ₂ NiFe ₂ O ₄ : Preparation and performance as anode of lithium ion battery. <i>Materials Chemistry and Physics</i> , 2016, 177, 31-39. | 4.0 | 20 |
| 20 | Controllable Fabrication of Noniridescent Microshaped Photonic Crystal Assemblies by Dynamic Three-Phase Contact Line Behaviors on Superhydrophobic Substrates. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 22644-22651. | 8.0 | 35 |
| 21 | pH-responsive dual fluorescent core-shell microspheres fabricated via a one-step emulsion polymerization. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3802. | 5.5 | 19 |
| 22 | Large-area crack-free single-crystal photonic crystals via combined effects of polymerization-assisted assembly and flexible substrate. <i>NPG Asia Materials</i> , 2012, 4, e21-e21. | 7.9 | 74 |
| 23 | Colloidal Photonic Crystals with Narrow Stopbands Assembled from Low-Adhesive Superhydrophobic Substrates. <i>Journal of the American Chemical Society</i> , 2012, 134, 17053-17058. | 13.7 | 215 |
| 24 | Controllable Synthesis of Latex Particles with Multicavity Structures. <i>Macromolecules</i> , 2011, 44, 2404-2409. | 4.8 | 46 |
| 25 | Controllable Underwater Oil-Adhesion Interface Films Assembled from Nonspherical Particles. <i>Advanced Functional Materials</i> , 2011, 21, 4436-4441. | 14.9 | 96 |
| 26 | Reversibly phototunable TiO ₂ photonic crystal modulated by Ag nanoparticles oxidation/reduction. <i>Applied Physics Letters</i> , 2011, 98, . | 3.3 | 13 |
| 27 | Tough and Hydrophilic Photonic Crystals Obtained from Direct UV Irradiation. <i>Macromolecular Rapid Communications</i> , 2010, 31, 2115-2120. | 3.9 | 16 |
| 28 | Facile Fabrication of Tough SiC Inverse Opal Photonic Crystals. <i>Journal of Physical Chemistry C</i> , 2010, 114, 22303-22308. | 3.1 | 38 |