

Jinming Zhou

List of Publications by Year in descending order

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28
papers

1,439
citations

394421

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h-index

501196

28
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30
docs citations

30
times ranked

1923
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Highly Brilliant Noniridescent Structural Colors Enabled by Graphene Nanosheets Containing Graphene Quantum Dots. <i>Advanced Functional Materials</i> , 2018, 28, 1802585.	14.9	137
3	Self-Healable Organogel Nanocomposite with Angle-Independent Structural Colors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10462-10466.	13.8	131
4	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
5	Controllable Underwater Oil-Adhesion-Interface Films Assembled from Nonspherical Particles. <i>Advanced Functional Materials</i> , 2011, 21, 4436-4441.	14.9	96
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	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
8	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
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	Controllable Synthesis of Latex Particles with Multicavity Structures. <i>Macromolecules</i> , 2011, 44, 2404-2409.	4.8	46
11	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
12	Facile Fabrication of Tough SiC Inverse Opal Photonic Crystals. <i>Journal of Physical Chemistry C</i> , 2010, 114, 22303-22308.	3.1	38
13	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
14	Cascade-Microphase-Separation-Induced Hierarchical Photonic Structures in Supramolecular Organogel for Deformation-Insensitive Structural Colors. <i>Advanced Optical Materials</i> , 2019, 7, 1801749.	7.3	27
15	Inkjet Printed Physically-Unclonable Structural-Color Anticounterfeiting Labels with Convenient Artificial Intelligence Authentication. <i>Advanced Materials Interfaces</i> , 2021, 8, 2101281.	3.7	27
16	Self-Healable Organogel Nanocomposite with Angle-Independent Structural Colors. <i>Angewandte Chemie</i> , 2017, 129, 10598-10602.	2.0	26
17	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
18	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

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19	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
20	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
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	Cracking enabled unclonability in colloidal crystal patterns authenticated with computer vision. <i>Nanoscale</i> , 2022, 14, 8833-8841.	5.6	18
23	Tough and Hydrophilic Photonic Crystals Obtained from Direct UV Irradiation. <i>Macromolecular Rapid Communications</i> , 2010, 31, 2115-2120.	3.9	16
24	Reversibly phototunable TiO ₂ photonic crystal modulated by Ag nanoparticles' oxidation/reduction. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	13
25	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
26	Transition Metal Ions Promote the Bioavailability of Hydrophobic Therapeutics: Cu and Zn Interactions with RNA Polymerase' Inhibitor CX5461. <i>Chemistry - A European Journal</i> , 2018, 24, 6334-6338.	3.3	6
27	Structural Coloration: Highly Brilliant Noniridescent Structural Colors Enabled by Graphene Nanosheets Containing Graphene Quantum Dots (<i>Adv. Funct. Mater.</i> 29/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870198.	14.9	3
28	Deformation-insensitive Structural Colors: Cascade-microphase-separation-induced Hierarchical Photonic Structures in Supramolecular Organogel for Deformation-insensitive Structural Colors (<i>Advanced Optical Materials</i> 6/2019). <i>Advanced Optical Materials</i> , 2019, 7, 1970024.	7.3	0