

Cun Zhu

List of Publications by Year in descending order

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26
papers

2,054
citations

430754

18
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610775

24
g-index

29
all docs

29
docs citations

29
times ranked

3127
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-inspired variable structural color materials. <i>Chemical Society Reviews</i> , 2012, 41, 3297.	18.7	772
2	Controlling the Nucleation and Growth of Silver on Palladium Nanocubes by Manipulating the Reaction Kinetics. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2354-2358.	7.2	209
3	Encoded Porous Beads for Label-Free Multiplex Detection of Tumor Markers. <i>Advanced Materials</i> , 2009, 21, 569-572.	11.1	208
4	Kinetically Controlled Overgrowth of Ag or Au on Pd Nanocrystal Seeds: From Hybrid Dimers to Nonconcentric and Concentric Bimetallic Nanocrystals. <i>Journal of the American Chemical Society</i> , 2012, 134, 15822-15831.	6.6	172
5	Multiresponsive Elastic Colloidal Crystals for Reversible Structural Color Patterns. <i>Advanced Functional Materials</i> , 2019, 29, 1902954.	7.8	100
6	Facile Synthesis of Gold Wavy Nanowires and Investigation of Their Growth Mechanism. <i>Journal of the American Chemical Society</i> , 2012, 134, 20234-20237.	6.6	95
7	3D-printable colloidal photonic crystals. <i>Materials Today</i> , 2022, 56, 29-41.	8.3	61
8	Structural Color Patterns by Electrohydrodynamic Jet Printed Photonic Crystals. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11933-11941.	4.0	60
9	Magnetochromatic Microcapsule Arrays for Displays. <i>Advanced Functional Materials</i> , 2011, 21, 2043-2048.	7.8	59
10	Hybrid mesoporous colloid photonic crystal array for high performance vapor sensing. <i>Nanoscale</i> , 2014, 6, 5680.	2.8	42
11	UV-Triggered Polydopamine Secondary Modification: Fast Deposition and Removal of Metal Nanoparticles. <i>Advanced Functional Materials</i> , 2019, 29, 1901875.	7.8	40
12	Aqueous-Phase Synthesis of Single-Crystal Pd Seeds 3â€¦nm in Diameter and Their Use for the Growth of Pd Nanocrystals with Different Shapes. <i>Chemistry - A European Journal</i> , 2013, 19, 5127-5133.	1.7	36
13	A Magnetically Tunable Colloidal Crystal Film for Reflective Display. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1945-1949.	2.0	32
14	Anisotropic colloidal crystal particles from microfluidics. <i>Journal of Colloid and Interface Science</i> , 2014, 421, 64-70.	5.0	32
15	Fabrication of Bioinspired Hierarchical Functional Structures by Using Honeycomb Films as Templates. <i>Advanced Functional Materials</i> , 2018, 28, 1803194.	7.8	28
16	Carbon Inverse Opal Rods for Nonenzymatic Cholesterol Detection. <i>Small</i> , 2015, 11, 5766-5770.	5.2	27
17	Bifunctional Fe ₃ O ₄ @AuNWs particle as wearable bending and strain sensor. <i>Inorganic Chemistry Communication</i> , 2019, 104, 98-104.	1.8	19
18	New Strategy for Surface Functionalization of Periodic Mesoporous Silica Based on meso-HSiO _{1.5} . <i>Journal of the American Chemical Society</i> , 2014, 136, 1178-1181.	6.6	13

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19	Colloidal Crystal Beads Composed of Core-Shell Particles for Multiplex Bioassay. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 2586-2591.	0.9	10
20	Synthesis and Characterization of Pressure and Temperature Dual-Responsive Polystyrene Microbeads. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 542-548.	1.2	4
21	Characterization of multi-dye pressure-sensitive microbeads. <i>Review of Scientific Instruments</i> , 2013, 84, 115107.	0.6	3
22	Displays: Magnetochromatic Microcapsule Arrays for Displays (<i>Adv. Funct. Mater.</i> 11/2011). <i>Advanced Functional Materials</i> , 2011, 21, 1950-1950.	7.8	2
23	Multiresponsive Nanoparticles: Multiresponsive Elastic Colloidal Crystals for Reversible Structural Color Patterns (<i>Adv. Funct. Mater.</i> 39/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970271.	7.8	2
24	Controlling the Nucleation and Growth of Silver on Palladium Nanocubes by Manipulating the Reaction Kinetics (<i>Angew. Chem.</i> 10/2012). <i>Angewandte Chemie</i> , 2012, 124, 2562-2562.	1.6	0
25	Back Cover: Controlling the Nucleation and Growth of Silver on Palladium Nanocubes by Manipulating the Reaction Kinetics (<i>Angew. Chem. Int. Ed.</i> 10/2012). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2512-2512.	7.2	0
26	Polydopamine: UV-Triggered Polydopamine Secondary Modification: Fast Deposition and Removal of Metal Nanoparticles (<i>Adv. Funct. Mater.</i> 34/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970233.	7.8	0