Cun Zhu

List of Publications by Year
in descending order

26 papers	2,054 citations	430754 18 h-index	610775 24 g-index
29 all docs	29 docs citations	29 times ranked	3127 citing authors

#	Article	IF	Citations
1	3D-printable colloidal photonic crystals. Materials Today, 2022, 56, 29-41.	8.3	61
2	Polydopamine: UVâ€Triggered Polydopamine Secondary Modification: Fast Deposition and Removal of Metal Nanoparticles (Adv. Funct. Mater. 34/2019). Advanced Functional Materials, 2019, 29, 1970233.	7.8	0
3	Multiresponsive Elastic Colloidal Crystals for Reversible Structural Color Patterns. Advanced Functional Materials, 2019, 29, 1902954.	7.8	100
4	Multiresponsive Nanoparticles: Multiresponsive Elastic Colloidal Crystals for Reversible Structural Color Patterns (Adv. Funct. Mater. 39/2019). Advanced Functional Materials, 2019, 29, 1970271.	7.8	2
5	UVâ€Triggered Polydopamine Secondary Modification: Fast Deposition and Removal of Metal Nanoparticles. Advanced Functional Materials, 2019, 29, 1901875.	7.8	40
6	Bifunctional Fe3O4@AuNWs particle as wearable bending and strain sensor. Inorganic Chemistry Communication, 2019, 104, 98-104.	1.8	19
7	Fabrication of Bioinspired Hierarchical Functional Structures by Using Honeycomb Films as Templates. Advanced Functional Materials, 2018, 28, 1803194.	7.8	28
8	Structural Color Patterns by Electrohydrodynamic Jet Printed Photonic Crystals. ACS Applied Materials & Interfaces, 2017, 9, 11933-11941.	4.0	60
9	Carbon Inverse Opal Rods for Nonenzymatic Cholesterol Detection. Small, 2015, 11, 5766-5770.	5.2	27
10	Anisotropic colloidal crystal particles from microfluidics. Journal of Colloid and Interface Science, 2014, 421, 64-70.	5.0	32
11	Hybrid mesoporous colloid photonic crystal array for high performance vapor sensing. Nanoscale, 2014, 6, 5680.	2.8	42
12	New Strategy for Surface Functionalization of Periodic Mesoporous Silica Based on meso-HSiO_{1.5}. Journal of the American Chemical Society, 2014, 136, 1178-1181.	6.6	13
13	Aqueousâ€Phase Synthesis of Singleâ€Crystal Pd Seeds 3â€...nm in Diameter and Their Use for the Growth of Pd Nanocrystals with Different Shapes. Chemistry - A European Journal, 2013, 19, 5127-5133.	1.7	36
14	Characterization of multi-dye pressure-sensitive microbeads. Review of Scientific Instruments, 2013, 84, 115107.	0.6	3
15	Synthesis and Characterization of Pressure and Temperature Dualâ€Responsive Polystyrene Microbeads. Particle and Particle Systems Characterization, 2013, 30, 542-548.	1.2	4
16	Facile Synthesis of Gold Wavy Nanowires and Investigation of Their Growth Mechanism. Journal of the American Chemical Society, 2012, 134, 20234-20237.	6.6	95
17	Kinetically Controlled Overgrowth of Ag or Au on Pd Nanocrystal Seeds: From Hybrid Dimers to Nonconcentric and Concentric Bimetallic Nanocrystals. Journal of the American Chemical Society, 2012, 134, 15822-15831.	6.6	172
18	RÃ¼cktitelbild: Controlling the Nucleation and Growth of Silver on Palladium Nanocubes by Manipulating the Reaction Kinetics (Angew. Chem. 10/2012). Angewandte Chemie, 2012, 124, 2562-2562.	1.6	0

#	Article	IF	Citations
19	Bio-inspired variable structural color materials. Chemical Society Reviews, 2012, 41, 3297.	18.7	772
20	Controlling the Nucleation and Growth of Silver on Palladium Nanocubes by Manipulating the Reaction Kinetics. Angewandte Chemie - International Edition, 2012, 51, 2354-2358.	7.2	209
21	Back Cover: Controlling the Nucleation and Growth of Silver on Palladium Nanocubes by Manipulating the Reaction Kinetics (Angew. Chem. Int. Ed. 10/2012). Angewandte Chemie - International Edition, 2012, 51, 2512-2512.	7.2	0
22	Magnetochromatic Microcapsule Arrays for Displays. Advanced Functional Materials, 2011, 21, 2043-2048.	7.8	59
23	Displays: Magnetochromatic Microcapsule Arrays for Displays (Adv. Funct. Mater. 11/2011). Advanced Functional Materials, 2011, 21, 1950-1950.	7.8	2
24	Encoded Porous Beads for Labelâ€Free Multiplex Detection of Tumor Markers. Advanced Materials, 2009, 21, 569-572.	11.1	208
25	A Magnetically Tunable Colloidal Crystal Film for Reflective Display. Macromolecular Rapid Communications, 2009, 30, 1945-1949.	2.0	32
26	Colloidal Crystal Beads Composed of Coreâ€“Shell Particles for Multiplex Bioassay. Journal of Nanoscience and Nanotechnology, 2009, 9, 2586-2591.	0.9	10