

Weicheng Cao

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

472
citations

933447

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h-index

888059

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20
all docs

20
docs citations

20
times ranked

708
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Facet-Dependent Coordination Structures of Carboxylate Ligands on CdSe Nanocrystals. <i>Journal of the American Chemical Society</i> , 2019, 141, 15675-15683.	13.7	85
2	Partitioning surface ligands on nanocrystals for maximal solubility. <i>Nature Communications</i> , 2019, 10, 2454.	12.8	74
3	Metal-Organic Framework Nanoparticles for Ameliorating Breast Cancer-Associated Osteolysis. <i>Nano Letters</i> , 2020, 20, 829-840.	9.1	68
4	Duet of Acetate and Water at the Defects of Metal-Organic Frameworks. <i>Nano Letters</i> , 2019, 19, 1618-1624.	9.1	49
5	Water-based preparation of nano-sized NH ₂ -MIL-53(Al) frameworks for enhanced dye removal. <i>Inorganica Chimica Acta</i> , 2019, 484, 180-184.	2.4	44
6	A novel polyalcohol-coated hydroxyapatite for the fast adsorption of organic dyes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 548, 85-91.	4.7	28
7	Facet-Dependent On-Surface Reactions in the Growth of CdSe Nanoplatelets. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17764-17770.	13.8	28
8	Defect-Assisted Loading and Docking Conformations of Pharmaceuticals in Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7719-7727.	13.8	25
9	Phosphorescence detection of manganese(VII) based on Mn-doped ZnS quantum dots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 173, 578-583.	3.9	17
10	Hydroxyapatite nano-rods for the fast removal of congo red dye from aqueous solution. <i>Materials Research Express</i> , 2018, 5, 065053.	1.6	11
11	Novel phosphorescent Mn-doped ZnS quantum dots as a probe for the detection of <i>scpt</i> -tyrosine in human urine. <i>Analytical Methods</i> , 2017, 9, 287-293.	2.7	9
12	Water molecules bonded to the carboxylate groups at the inorganic-organic interface of an inorganic nanocrystal coated with alkanoate ligands. <i>National Science Review</i> , 2022, 9, nwab138.	9.5	9
13	Photocatalytic Reduction of CO ₂ from Simulated Flue Gas with Colored Anatase. <i>Catalysts</i> , 2018, 8, 78.	3.5	8
14	Controlled Synthesis and Microstructure of Metastable Flower-Like Vaterite. <i>Materials</i> , 2018, 11, 2300.	2.9	6
15	Defect-Assisted Loading and Docking Conformations of Pharmaceuticals in Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2021, 133, 7798-7806.	2.0	6
16	The instability of a stable metal-organic framework in amino acid solutions. <i>Nano Research</i> , 2022, 15, 6607-6612.	10.4	4
17	Facet-Dependent On-Surface Reactions in the Growth of CdSe Nanoplatelets. <i>Angewandte Chemie</i> , 2019, 131, 17928-17934.	2.0	1