Wei Wei

List of Publications by Year
in descending order

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25 papers	1,898 citations	471371 17 h-index	580701 25 g-index
26 all docs	26 docs citations	26 times ranked	3624 citing authors

#	Article	IF	Citations
1	DNA methylation markers for diagnosis and prognosis of common cancers. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7414-7419.	3.3	387
2	Lanthanide-Doped Na_xScF_{3+x} Nanocrystals: Crystal Structure Evolution and Multicolor Tuning. Journal of the American Chemical Society, 2012, 134, 8340-8343.	6.6	315
3	Cross Relaxation Induced Pure Red Upconversion in Activator- and Sensitizer-Rich Lanthanide Nanoparticles. Chemistry of Materials, 2014, 26, 5183-5186.	3.2	195
4	Gold-plasmon enhanced solar-to-hydrogen conversion on the {001} facets of anatase TiO2 nanosheets. Energy and Environmental Science, 2014, 7, 973.	15.6	159
5	Alleviating Luminescence Concentration Quenching in Upconversion Nanoparticles through Organic Dye Sensitization. Journal of the American Chemical Society, 2016, 138, 15130-15133.	6.6	149
6	Bi₂MoO₆ Nanobelts for Crystal Facetâ€Enhanced Photocatalysis. Small, 2014, 10, 2791-2795.	5.2	145
7	Engineering lanthanide-based materials for nanomedicine. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2014, 20, 71-96.	5.6	85
8	Nanocomposites of Graphene Oxide and Upconversion Rareâ€Earth Nanocrystals with Superior Optical Limiting Performance. Small, 2012, 8, 2271-2276.	5.2	79
9	Mechanism Studies on the Superior Optical Limiting Observed in Graphene Oxide Covalently Functionalized with Upconversion NaYF₄:Yb³⁺/Er³⁺ Nanoparticles. Small, 2012, 8, 2163-2168.	5.2	59
10	Kuramite Cu₃SnS₄ and Mohite Cu₂SnS₃ Nanoplatelet Synthesis Using Covellite CuS Templates with Sn(II) and Sn(IV) Sources. Chemistry of Materials, 2017, 29, 3555-3562.	3.2	55
11	Nd³⁺-Sensitized multicolor upconversion luminescence from a sandwiched core/shell/shell nanostructure. Nanoscale, 2017, 9, 10633-10638.	2.8	51
12	Surfactant-stripped naphthalocyanines for multimodal tumor theranostics with upconversion guidance cream. Nanoscale, 2017, 9, 3391-3398.	2.8	38
13	Insights into How Fluorine-Adsorption and n-Type Doping Affect the Relative Stability of the (001) and (101) Surfaces of TiO₂: Enhancing the Exposure of More Active but Thermodynamically Less Stable (001). Journal of Physical Chemistry Letters, 2015, 6, 1876-1882.	2.1	36
14	Recent Progress of Graphene-Based Photoelectrode Materials for Dye-Sensitized Solar Cells. International Journal of Photoenergy, 2019, 2019, 1-16.	1.4	31
15	Controlled Synthesis of Cu_{2â€“x}Se Nanoparticles as Near-Infrared Photothermal Agents and Irradiation Wavelength Dependence of Their Photothermal Conversion Efficiency. Langmuir, 2018, 34, 13905-13909.	1.6	25
16	Nonlinear Photoacoustic Imaging by in Situ Multiphoton Upconversion and Energy Transfer. ACS Photonics, 2017, 4, 2699-2705.	3.2	22
17	Controlled Synthesis of Uniform Na_xScF_{3+x} Nanopolyhedrons, Nanoplates, Nanorods, and Nanospheres Using Solvents. Crystal Growth and Design, 2015, 15, 2988-2993.	1.4	18
18	In Situ Synthesis of Dicarboxylic Acid Functionalized Upconversion Nanoparticles for Bioimaging Applications. ChemPhotoChem, 2019, 3, 145-150.	1.5	8

#	Article	IF	Citations
19	Near-infrared-driven water splitting for hydrogen evolution using a Cu2ZnSnS4-based photocathode by the application of upconversion nanoparticles. Sustainable Energy and Fuels, 2020, 4, 2669-2674.	2.5	8
20	Optimizing the performance of dye-sensitized upconversion nanoparticles. Dyes and Pigments, 2021, 192, 109428.	2.0	8
21	Effect of Magnetic Nanoparticles on the Morphology of Polystyrene-b-Poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.5	6
22	Surface-rare-earth-rich upconversion nanoparticles induced by heterovalent cation exchange with superior loading capacity. Journal of Materials Science and Technology, 2022, 97, 223-228.	5.6	6
23	Effects of different ligands on luminescence properties of LaF3: Nd nanoparticles. Journal of Rare Earths, 2013, 31, 645-649.	2.5	5
24	High-efficiency and water-quenching-resistant Tb3+-based nanoparticles for single-particle imaging. Nanophotonics, 2021, .	2.9	5
25	The Spectroscopic Properties and Microscopic Imaging of Thulium-Doped Upconversion Nanoparticles Excited at Different NIR-II Light. Biosensors, 2021, 11, 148.	2.3	3