

Wei Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6110286/publications.pdf>

Version: 2024-02-01

22
papers

636
citations

623734

14
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

994
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing a Novel Photothermal Material of Hierarchical Microstructured Copper Phosphate for Solar Evaporation Enhancement. <i>Journal of Physical Chemistry C</i> , 2017, 121, 60-69.	3.1	96
2	Iron phosphate microflowers as peroxidase mimic and superoxide dismutase mimic for biocatalysis and biosensing. <i>Chemical Communications</i> , 2012, 48, 7289.	4.1	76
3	Novel Fe ₃ O ₄ @YPO ₄ (Re = Tb, Eu) multifunctional magnetic-fluorescent hybrid spheres for biomedical applications. <i>Chemical Communications</i> , 2010, 46, 5100.	4.1	72
4	Effective Antibacterial Activity of Degradable Copper-Doped Phosphate-Based Glass Nanozymes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 11631-11645.	8.0	71
5	CePO ₄ :Tb,Gd hollow nanospheres as peroxidase mimic and magnetic-fluorescent imaging agent. <i>Chemical Communications</i> , 2012, 48, 6839.	4.1	41
6	In vitro photodynamic therapy based on magnetic-luminescent Gd ₂ O ₃ :Yb,Er nanoparticles with bright three-photon up-conversion fluorescence under near-infrared light. <i>Dalton Transactions</i> , 2015, 44, 16081-16090.	3.3	40
7	ZnO:Er,Yb,Gd Particles Designed for Magnetic-Fluorescent Imaging and Near-Infrared Light Triggered Photodynamic Therapy. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23716-23729.	3.1	33
8	Preparation and characterization of ZnS:Tb,Gd and ZnS:Er,Yb,Gd nanoparticles for bimodal magnetic-fluorescent imaging. <i>Dalton Transactions</i> , 2013, 42, 1752-1759.	3.3	27
9	A green route to water-soluble polyaniline for photothermal therapy catalyzed by iron phosphates peroxidase mimic. <i>Polymer Chemistry</i> , 2015, 6, 2290-2296.	3.9	23
10	Water-soluble PANI:PSS designed for spontaneous non-disruptive membrane penetration and direct intracellular photothermal damage on bacteria. <i>Bioactive Materials</i> , 2021, 6, 4758-4771.	15.6	22
11	A peptide drug hydrogel to enhance the anti-cancer activity of chlorambucil. <i>Biomaterials Science</i> , 2020, 8, 5638-5646.	5.4	17
12	Trienzyme-like iron phosphates-based (FePOs) nanozyme for enhanced anti-tumor efficiency with minimal side effects. <i>Chemical Engineering Journal</i> , 2021, 404, 125574.	12.7	17
13	Degradable Tumor-Responsive Iron-Doped Phosphate-Based Glass Nanozyme for H ₂ O ₂ Self-Supplying Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 17153-17163.	8.0	17
14	Lanthanide-doped chitosan nanospheres as cell nuclei illuminator and fluorescent nonviral vector for plasmid DNA delivery. <i>Dalton Transactions</i> , 2012, 41, 490-497.	3.3	16
15	Synthesis of Black Elemental Selenium Peroxidase Mimic and Its Application in Green Synthesis of Water-Soluble Polypyrrole as a Photothermal Agent. <i>Journal of Physical Chemistry C</i> , 2014, 118, 26351-26358.	3.1	13
16	Magnetic-luminescent YbPO ₄ :Er,Dy microspheres designed for tumor theranostics with synergistic effect of photodynamic therapy and chemotherapy. <i>International Journal of Nanomedicine</i> , 2014, 9, 4879.	6.7	12
17	From Borax to Ultralong One-Dimensional Boric Acid. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2699-2703.	3.1	11
18	Tin-induced microstructural changes and associated corrosion resistance of biodegradable Mg-Zn alloy. <i>Rare Metals</i> , 2022, 41, 883-888.	7.1	8

#	ARTICLE	IF	CITATIONS
19	Temperature-responsive iron nanozymes based on poly(<i>N</i> -vinylcaprolactam) with multi-enzyme activity. RSC Advances, 2020, 10, 39954-39966.	3.6	8
20	β -Ray-Triggered Drug Release of Reactive Oxygen Species-Sensitive Nanomedicine for Enhanced Concurrent Chemoradiation Therapy. ACS Omega, 2021, 6, 19445-19457.	3.5	7
21	Luminescent NaTb(SO ₄) ₂ nanoprobe for hydrogen peroxide based on switchable fluorescence of Tb(IV)/Tb(III) redox couple. Ceramics International, 2021, 47, 18942-18947.	4.8	4
22	Amplified oxidative stress therapy by a degradable copper phosphate nanozyme coated by the <i>in situ</i> polymerization of PEGDA. Journal of Materials Chemistry B, 2021, 9, 8094-8108.	5.8	3