Zhen-hu Guo

List of Publications by Year
in descending order

24	1,114	643344	685536
papers	citations	15 h-index	24 g-index

25	25	25	1870
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synergetic Enhancement of Mechanical Properties for Silk Fibers by a Green Feeding Approach with Nano-hydroxyapatite/collagen Composite Additive. Journal of Natural Fibers, 2022, 19, 5310-5320.	1.7	3
2	Necroptosis-elicited host immunity: GOx-loaded MoS2 nanocatalysts for self-amplified chemodynamic immunotherapy. Nano Research, 2022, 15, 2244-2253.	5.8	11
3	Ultraâ€Sensitive Ironâ€Doped Palladium Nanocrystals with Enhanced Hydroxyl Radical Generation for Chemoâ€/Chemodynamic Nanotherapy. Advanced Functional Materials, 2022, 32, 2107518.	7.8	22
4	Local Destruction of Tumors for Systemic Immunoresponse: Engineering Antigen-Capturing Nanoparticles as Stimulus-Responsive Immunoadjuvants. ACS Applied Materials & Interfaces, 2022, 14, 4995-5008.	4.0	8
5	TME-responded Full-biodegradable nanocatalyst for mitochondrial calcium Overload-induced hydroxyl radical bursting cancer treatment. Chemical Engineering Journal, 2022, 438, 135372.	6.6	11
6	Ultrafast Fabrication of Iron/Manganese Co-Doped Bismuth Trimetallic Nanoparticles: A Thermally Aided Chemodynamic/Radio-Nanoplatform for Low-Dose Radioresistance. ACS Applied Materials & Interfaces, 2022, 14, 21931-21944.	4.0	4
7	Photoactivation-triggered in situ self-supplied H2O2 for boosting chemodynamic therapy via layered double Hydroxide-mediated catalytic cascade reaction. Chemical Engineering Journal, 2022, 446, 137310.	6.6	11
8	Galvanic replacement reaction for in situ fabrication of litchi-shaped heterogeneous liquid metal-Au nano-composite for radio-photothermal cancer therapy. Bioactive Materials, 2021, 6, 602-612.	8.6	43
9	Goldâ€“iron selenide nanocomposites for amplified tumor oxidative stress-augmented photo-radiotherapy. Biomaterials Science, 2021, 9, 3979-3988.	2.6	15
10	Tannic acid-based metal phenolic networks for bio-applications: a review. Journal of Materials Chemistry B, 2021, 9, 4098-4110.	2.9	118
11	All-purpose nanostrategy based on dose deposition enhancement, cell cycle arrest, DNA damage, and ROS production as prostate cancer radiosensitizer for potential clinical translation. Nanoscale, 2021, 13, 14525-14537.	2.8	7
12	Ferrous ions doped layered double hydroxide: smart 2D nanotheranostic platform with imaging-guided synergistic chemo/photothermal therapy for breast cancer. Biomaterials Science, 2021, 9, 5928-5938.	2.6	17
13	Hypoxia-Overcoming Breast-Conserving Treatment by Magnetothermodynamic Implant for a Localized Free-Radical Burst Combined with Hyperthermia. ACS Applied Materials & Interfaces, 2021, 13, 35484-35493.	4.0	7
14	Metal-phenolic networks: facile assembled complexes for cancer theranostics. Theranostics, 2021, 11, 6407-6426.	4.6	63
15	Manganese-Doped Layered Double Hydroxide: A Biodegradable Theranostic Nanoplatform with Tumor Microenvironment Response for Magnetic Resonance Imaging-Guided Photothermal Therapy. ACS Applied Bio Materials, 2020, 3, 5845-5855.	2.3	27
16	Dihydroartemisinin loaded layered double hydroxide nanocomposites for tumor specific photothermalâ€“chemodynamic therapy. Journal of Materials Chemistry B, 2020, 8, 11082-11089.	2.9	24
17	Magnetic Hydrogel with Optimally Adaptive Functions for Breast Cancer Recurrence Prevention. Advanced Healthcare Materials, 2019, 8, e1900203.	3.9	85
18	Nonâ€Magnetic Injectable Implant for Magnetic Fieldâ€Driven Thermochemotherapy and Dual Stimuliâ€Responsive Drug Delivery: Transformable Liquid Metal Hybrid Platform for Cancer Theranostics. Small, 2019, 15, e1900511.	5.2	65

#	Article	IF	Citations
19	Manganese-Based Magnetic Layered Double Hydroxide Nanoparticle: A pH-Sensitive and Concurrently Enhanced T₁/T₂-Weighted Dual-Mode Magnetic Resonance Imaging Contrast Agent. ACS Biomaterials Science and Engineering, 2019, 5, 2555-2562.	2.6	37
20	A theranostic nanocomposite system based on radial mesoporous silica hybridized with Fe₃O₄ nanoparticles for targeted magnetic field responsive chemotherapy of breast cancer. RSC Advances, 2018, 8, 4321-4328.	1.7	30
21	Doxorubicin-loaded Fe3O4@MoS2-PEG-2DG nanocubes as a theranostic platform for magnetic resonance imaging-guided chemo-photothermal therapy of breast cancer. Nano Research, 2018, 11, 2470-2487.	5.8	50
22	In situ biomineralization by silkworm feeding with ion precursors for the improved mechanical properties of silk fiber. International Journal of Biological Macromolecules, 2018, 109, 21-26.	3.6	34
23	Shape-, size- and structure-controlled synthesis and biocompatibility of iron oxide nanoparticles for magnetic theranostics. Theranostics, 2018, 8, 3284-3307.	4.6	272
24	Injectable and Self-Healing Thermosensitive Magnetic Hydrogel for Asynchronous Control Release of Doxorubicin and Docetaxel to Treat Triple-Negative Breast Cancer. ACS Applied Materials & Interfaces, 2017, 9, 33660-33673.	4.0	150