

# Zhen-hu Guo

## List of Publications by Year in descending order

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24  
papers

1,114  
citations

567247  
15  
h-index

610883  
24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1667  
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. <i>Journal of Natural Fibers</i> , 2022, 19, 5310-5320.	3.1	3
2	Necroptosis-elicited host immunity: GOx-loaded MoS <sub>2</sub> nanocatalysts for self-amplified chemodynamic immunotherapy. <i>Nano Research</i> , 2022, 15, 2244-2253.	10.4	11
3	Ultra-sensitive Iron-Doped Palladium Nanocrystals with Enhanced Hydroxyl Radical Generation for Chemo-/Chemodynamic Nanotherapy. <i>Advanced Functional Materials</i> , 2022, 32, 2107518.	14.9	22
4	Local Destruction of Tumors for Systemic Immunoresponse: Engineering Antigen-Capturing Nanoparticles as Stimulus-Responsive Immunoadjuvants. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 4995-5008.	8.0	8
5	TME-responded Full-biodegradable nanocatalyst for mitochondrial calcium Overload-induced hydroxyl radical bursting cancer treatment. <i>Chemical Engineering Journal</i> , 2022, 438, 135372.	12.7	11
6	Ultrafast Fabrication of Iron/Manganese Co-Doped Bismuth Trimetallic Nanoparticles: A Thermally Aided Chemodynamic/Radio-Nanoplatfor for Low-Dose Radioresistance. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 21931-21944.	8.0	4
7	Photoactivation-triggered in situ self-supplied H <sub>2</sub> O <sub>2</sub> for boosting chemodynamic therapy via layered double Hydroxide-mediated catalytic cascade reaction. <i>Chemical Engineering Journal</i> , 2022, 446, 137310.	12.7	11
8	Galvanic replacement reaction for in situ fabrication of litchi-shaped heterogeneous liquid metal-Au nano-composite for radio-photothermal cancer therapy. <i>Bioactive Materials</i> , 2021, 6, 602-612.	15.6	43
9	Gold-iron selenide nanocomposites for amplified tumor oxidative stress-augmented photo-radiotherapy. <i>Biomaterials Science</i> , 2021, 9, 3979-3988.	5.4	15
10	Tannic acid-based metal phenolic networks for bio-applications: a review. <i>Journal of Materials Chemistry B</i> , 2021, 9, 4098-4110.	5.8	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. <i>Nanoscale</i> , 2021, 13, 14525-14537.	5.6	7
12	Ferrous ions doped layered double hydroxide: smart 2D nanotheranostic platform with imaging-guided synergistic chemo/photothermal therapy for breast cancer. <i>Biomaterials Science</i> , 2021, 9, 5928-5938.	5.4	17
13	Hypoxia-Overcoming Breast-Conserving Treatment by Magnetothermodynamic Implant for a Localized Free-Radical Burst Combined with Hyperthermia. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 35484-35493.	8.0	7
14	Metal-phenolic networks: facile assembled complexes for cancer theranostics. <i>Theranostics</i> , 2021, 11, 6407-6426.	10.0	63
15	Manganese-Doped Layered Double Hydroxide: A Biodegradable Theranostic Nanoplatfor with Tumor Microenvironment Response for Magnetic Resonance Imaging-Guided Photothermal Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 5845-5855.	4.6	27
16	Dihydroartemisinin loaded layered double hydroxide nanocomposites for tumor specific photothermal-chemodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 11082-11089.	5.8	24
17	Magnetic Hydrogel with Optimally Adaptive Functions for Breast Cancer Recurrence Prevention. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900203.	7.6	85
18	Non-Magnetic Injectable Implant for Magnetic Field-Driven Thermochemotherapy and Dual Stimuli-Responsive Drug Delivery: Transformable Liquid Metal Hybrid Platform for Cancer Theranostics. <i>Small</i> , 2019, 15, e1900511.	10.0	65

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19	Manganese-Based Magnetic Layered Double Hydroxide Nanoparticle: A pH-Sensitive and Concurrently Enhanced $T_1$ - $T_2$ -Weighted Dual-Mode Magnetic Resonance Imaging Contrast Agent. ACS Biomaterials Science and Engineering, 2019, 5, 2555-2562.	5.2	37
20	A theranostic nanocomposite system based on radial mesoporous silica hybridized with $Fe_3O_4$ nanoparticles for targeted magnetic field responsive chemotherapy of breast cancer. RSC Advances, 2018, 8, 4321-4328.	3.6	30
21	Doxorubicin-loaded $Fe_3O_4@MoS_2$ -PEG-2DG nanocubes as a theranostic platform for magnetic resonance imaging-guided chemo-photothermal therapy of breast cancer. Nano Research, 2018, 11, 2470-2487.	10.4	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.	7.5	34
23	Shape-, size- and structure-controlled synthesis and biocompatibility of iron oxide nanoparticles for magnetic theranostics. Theranostics, 2018, 8, 3284-3307.	10.0	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.	8.0	150