

# Zhenzhen Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

4,448  
citations

257101

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414034

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all docs

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docs citations

32  
times ranked

5679  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanozyme Decorated Metal-Organic Frameworks for Enhanced Photodynamic Therapy. ACS Nano, 2018, 12, 651-661.	7.3	670
2	Biomimetic nanoflowers by self-assembly of nanozymes to induce intracellular oxidative damage against hypoxic tumors. Nature Communications, 2018, 9, 3334.	5.8	464
3	Copper(II)-Graphitic Carbon Nitride Triggered Synergy: Improved ROS Generation and Reduced Glutathione Levels for Enhanced Photodynamic Therapy. Angewandte Chemie - International Edition, 2016, 55, 11467-11471.	7.2	396
4	Enzyme Mimicry for Combating Bacteria and Biofilms. Accounts of Chemical Research, 2018, 51, 789-799.	7.6	347
5	Erythrocyte Membrane Cloaked Metal-Organic Framework Nanoparticle as Biomimetic Nanoreactor for Starvation-Activated Colon Cancer Therapy. ACS Nano, 2018, 12, 10201-10211.	7.3	332
6	Activation of biologically relevant levels of reactive oxygen species by Au/g-C <sub>3</sub> N <sub>4</sub> hybrid nanozyme for bacteria killing and wound disinfection. Biomaterials, 2017, 113, 145-157.	5.7	318
7	A Multinuclear Metal Complex Based DNase-Mimetic Artificial Enzyme: Matrix Cleavage for Combating Bacterial Biofilms. Angewandte Chemie - International Edition, 2016, 55, 10732-10736.	7.2	202
8	Unraveling the Enzymatic Activity of Oxygenated Carbon Nanotubes and Their Application in the Treatment of Bacterial Infections. Nano Letters, 2018, 18, 3344-3351.	4.5	199
9	An Efficient and Benign Antimicrobial Depot Based on Silver-Infused MoS <sub>2</sub> . ACS Nano, 2017, 11, 4651-4659.	7.3	191
10	Silver-Infused Porphyrinic Metal-Organic Framework: Surface-Adaptive, On-Demand Nanoplatform for Synergistic Bacteria Killing and Wound Disinfection. Advanced Functional Materials, 2019, 29, 1808594.	7.8	181
11	A multi-stimuli responsive gold nanocage-hyaluronic platform for targeted photothermal and chemotherapy. Biomaterials, 2014, 35, 9678-9688.	5.7	167
12	Hyaluronic Acid-Templated Ag Nanoparticles/Graphene Oxide Composites for Synergistic Therapy of Bacteria Infection. ACS Applied Materials & Interfaces, 2017, 9, 19717-19724.	4.0	110
13	Multifunctional upconverting nanoparticles for near-infrared triggered and synergistic antibacterial resistance therapy. Chemical Communications, 2014, 50, 10488-10490.	2.2	106
14	Renal-clearable ultrasmall covalent organic framework nanodots as photodynamic agents for effective cancer therapy. Biomaterials, 2019, 223, 119462.	5.7	101
15	Ultrasmall Nanozymes Isolated within Porous Carbonaceous Frameworks for Synergistic Cancer Therapy: Enhanced Oxidative Damage and Reduced Energy Supply. Chemistry of Materials, 2018, 30, 7831-7839.	3.2	91
16	Constructing metal-organic framework nanodots as bio-inspired artificial superoxide dismutase for alleviating endotoxemia. Materials Horizons, 2019, 6, 1682-1687.	6.4	84
17	A graphitic hollow carbon nitride nanosphere as a novel photochemical internalization agent for targeted and stimuli-responsive cancer therapy. Nanoscale, 2016, 8, 12570-12578.	2.8	78
18	Metal-Organic Framework-Based Nanoplatform for Intracellular Environment-Responsive Endo/Lysosomal Escape and Enhanced Cancer Therapy. ACS Applied Materials & Interfaces, 2018, 10, 31998-32005.	4.0	77

#	ARTICLE	IF	CITATIONS
19	Facile preparation of "metal-organic frameworks-based hydrophobic anticancer drug delivery nanoplatforam for targeted and enhanced cancer treatment. Talanta, 2019, 194, 703-708.	2.9	65
20	Transmutation of Personal Glucose Meters into Portable and Highly Sensitive Microbial Pathogen Detection Platform. Small, 2015, 11, 4970-4975.	5.2	54
21	A bifunctional nanomodulator for boosting CpG-mediated cancer immunotherapy. Nanoscale, 2017, 9, 14236-14247.	2.8	48
22	A Multinuclear Metal Complex Based DNase-Mimetic Artificial Enzyme: Matrix Cleavage for Combating Bacterial Biofilms. Angewandte Chemie, 2016, 128, 10890-10894.	1.6	36
23	Aggregation-induced emission-active Au nanoclusters for ratiometric sensing and bioimaging of highly reactive oxygen species. Chemical Communications, 2019, 55, 15097-15100.	2.2	31
24	Phytochemical-encapsulated nanoplatforam for "on-demand" synergistic treatment of multidrug-resistant bacteria. Nano Research, 2018, 11, 3762-3770.	5.8	28
25	Programmable Downregulation of Enzyme Activity Using a Fever and NIR-Responsive Molecularly Imprinted Nanocomposite. Small, 2015, 11, 6172-6178.	5.2	14
26	Confinement of Reactive Oxygen Species in an Artificial Enzyme-Based Hollow Structure To Eliminate Adverse Effects of Photocatalysis on UV Filters. Chemistry - A European Journal, 2017, 23, 13518-13524.	1.7	13
27	Coupling exonuclease III with DNA metallization for amplified detection of biothiols at picomolar concentration. Biosensors and Bioelectronics, 2014, 58, 214-218.	5.3	11
28	Embedding magnetic nanoparticles into coordination polymers to mimic zinc ion transporters for targeted tumor therapy. Chemical Communications, 2016, 52, 12598-12601.	2.2	11
29	DNA-MnO <sub>2</sub> nanosheets as washing- and label-free platform for array-based differentiation of cell types. Analytica Chimica Acta, 2019, 1056, 1-6.	2.6	9
30	Chemically individual armoured bioreporter bacteria used for the in vivo sensing of ultra-trace toxic metal ions. Chemical Communications, 2017, 53, 8415-8418.	2.2	6
31	Modular AND Gate-Controlled Delivery Platform for Tumor Microenvironment Specific Activation of Protein Activity. Chemistry - A European Journal, 2020, 26, 7573-7577.	1.7	1