

Zhenzhen Wang

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

4,448
citations

257101

24
h-index

414034

32
g-index

32
all docs

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docs citations

32
times ranked

5679
citing authors

#	ARTICLE	IF	CITATIONS
1	Modular AND Gate-Controlled Delivery Platform for Tumor Microenvironment Specific Activation of Protein Activity. <i>Chemistry - A European Journal</i> , 2020, 26, 7573-7577.	1.7	1
2	Renal-clearable ultrasmall covalent organic framework nanodots as photodynamic agents for effective cancer therapy. <i>Biomaterials</i> , 2019, 223, 119462.	5.7	101
3	Silver-Infused Porphyrinic Metal-Organic Framework: Surface-Adaptive, On-Demand Nanoplatform for Synergistic Bacteria Killing and Wound Disinfection. <i>Advanced Functional Materials</i> , 2019, 29, 1808594.	7.8	181
4	DNA-MnO ₂ nanosheets as washing- and label-free platform for array-based differentiation of cell types. <i>Analytica Chimica Acta</i> , 2019, 1056, 1-6.	2.6	9
5	Constructing metal-organic framework nanodots as bio-inspired artificial superoxide dismutase for alleviating endotoxemia. <i>Materials Horizons</i> , 2019, 6, 1682-1687.	6.4	84
6	Aggregation-induced emission-active Au nanoclusters for ratiometric sensing and bioimaging of highly reactive oxygen species. <i>Chemical Communications</i> , 2019, 55, 15097-15100.	2.2	31
7	Facile preparation of metal-organic frameworks-based hydrophobic anticancer drug delivery nanoplatform for targeted and enhanced cancer treatment. <i>Talanta</i> , 2019, 194, 703-708.	2.9	65
8	Enzyme Mimicry for Combating Bacteria and Biofilms. <i>Accounts of Chemical Research</i> , 2018, 51, 789-799.	7.6	347
9	Phytochemical-encapsulated nanoplatform for on-demand synergistic treatment of multidrug-resistant bacteria. <i>Nano Research</i> , 2018, 11, 3762-3770.	5.8	28
10	Nanozyme Decorated Metal-Organic Frameworks for Enhanced Photodynamic Therapy. <i>ACS Nano</i> , 2018, 12, 651-661.	7.3	670
11	Erythrocyte Membrane Cloaked Metal-Organic Framework Nanoparticle as Biomimetic Nanoreactor for Starvation-Activated Colon Cancer Therapy. <i>ACS Nano</i> , 2018, 12, 10201-10211.	7.3	332
12	Ultrasmall Nanozymes Isolated within Porous Carbonaceous Frameworks for Synergistic Cancer Therapy: Enhanced Oxidative Damage and Reduced Energy Supply. <i>Chemistry of Materials</i> , 2018, 30, 7831-7839.	3.2	91
13	Metal-Organic Framework-Based Nanoplatform for Intracellular Environment-Responsive Endo/Lysosomal Escape and Enhanced Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31998-32005.	4.0	77
14	Unraveling the Enzymatic Activity of Oxygenated Carbon Nanotubes and Their Application in the Treatment of Bacterial Infections. <i>Nano Letters</i> , 2018, 18, 3344-3351.	4.5	199
15	Biomimetic nanoflowers by self-assembly of nanozymes to induce intracellular oxidative damage against hypoxic tumors. <i>Nature Communications</i> , 2018, 9, 3334.	5.8	464
16	An Efficient and Benign Antimicrobial Depot Based on Silver-Infused MoS ₂ . <i>ACS Nano</i> , 2017, 11, 4651-4659.	7.3	191
17	Chemically individual armoured bioreporter bacteria used for the in vivo sensing of ultra-trace toxic metal ions. <i>Chemical Communications</i> , 2017, 53, 8415-8418.	2.2	6
18	Hyaluronic Acid-Templated Ag Nanoparticles/Graphene Oxide Composites for Synergistic Therapy of Bacteria Infection. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 19717-19724.	4.0	110

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19	A bifunctional nanomodulator for boosting CpG-mediated cancer immunotherapy. <i>Nanoscale</i> , 2017, 9, 14236-14247.	2.8	48
20	Confinement of Reactive Oxygen Species in an Artificialâ€Enzymeâ€Based Hollow Structure To Eliminate Adverse Effects of Photocatalysis on UV Filters. <i>Chemistry - A European Journal</i> , 2017, 23, 13518-13524.	1.7	13
21	Activation of biologically relevant levels of reactive oxygen species by Au/g-C3N4 hybrid nanozyme for bacteria killing and wound disinfection. <i>Biomaterials</i> , 2017, 113, 145-157.	5.7	318
22	Embedding magnetic nanoparticles into coordination polymers to mimic zinc ion transporters for targeted tumor therapy. <i>Chemical Communications</i> , 2016, 52, 12598-12601.	2.2	11
23	A Multinuclear Metal Complex Based DNaseâ€Mimetic Artificial Enzyme: Matrix Cleavage for Combating Bacterial Biofilms. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10732-10736.	7.2	202
24	A Multinuclear Metal Complex Based DNaseâ€Mimetic Artificial Enzyme: Matrix Cleavage for Combating Bacterial Biofilms. <i>Angewandte Chemie</i> , 2016, 128, 10890-10894.	1.6	36
25	Copper(II)â€Graphitic Carbon Nitride Triggered Synergy: Improved ROS Generation and Reduced Glutathione Levels for Enhanced Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11467-11471.	7.2	396
26	A graphitic hollow carbon nitride nanosphere as a novel photochemical internalization agent for targeted and stimuli-responsive cancer therapy. <i>Nanoscale</i> , 2016, 8, 12570-12578.	2.8	78
27	Transmutation of Personal Glucose Meters into Portable and Highly Sensitive Microbial Pathogen Detection Platform. <i>Small</i> , 2015, 11, 4970-4975.	5.2	54
28	Programmable Downregulation of Enzyme Activity Using a Fever and NIRâ€Responsive Molecularly Imprinted Nanocomposite. <i>Small</i> , 2015, 11, 6172-6178.	5.2	14
29	Coupling exonuclease III with DNA metallization for amplified detection of biothiols at picomolar concentration. <i>Biosensors and Bioelectronics</i> , 2014, 58, 214-218.	5.3	11
30	Multifunctional upconverting nanoparticles for near-infrared triggered and synergistic antibacterial resistance therapy. <i>Chemical Communications</i> , 2014, 50, 10488-10490.	2.2	106
31	A multi-stimuli responsive gold nanocageâ€hyaluronic platform for targeted photothermal and chemotherapy. <i>Biomaterials</i> , 2014, 35, 9678-9688.	5.7	167