Zhenzhen Wang

List of Publications by Year in Descending Order

31 papers	3,066 citations	22 h-index	32 g-index
32 ext. papers	3,743 ext. citations	11.1 avg, IF	5.46 L-index

#	Paper	IF	Citations
31	Modular AND Gate-Controlled Delivery Platform for Tumor Microenvironment Specific Activation of Protein Activity. *Chemistry - A European Journal*, **2020**, 26, 7573-7577	4.8	0
30	Renal-clearable ultrasmall covalent organic framework nanodots as photodynamic agents for effective cancer therapy. *Biomaterials*, **2019**, 223, 119462	15.6	64
29	Silver-Infused Porphyrinic Metal□Organic Framework: Surface-Adaptive, On-Demand Nanoplatform for Synergistic Bacteria Killing and Wound Disinfection. *Advanced Functional Materials*, **2019**, 29, 1808594	15.6	102
28	DNA-MnO nanosheets as washing- and label-free platform for array-based differentiation of cell types. *Analytica Chimica Acta*, **2019**, 1056, 1-6	6.6	9
27	Constructing metal□organic framework nanodots as bio-inspired artificial superoxide dismutase for alleviating endotoxemia. *Materials Horizons*, **2019**, 6, 1682-1687	14.4	37
26	Aggregation-induced emission-active Au nanoclusters for ratiometric sensing and bioimaging of highly reactive oxygen species. *Chemical Communications*, **2019**, 55, 15097-15100	5.8	20
25	Facile preparation of□metal-organic frameworks-based hydrophobic anticancer drug delivery nanoplatform for targeted and enhanced cancer treatment. *Talanta*, **2019**, 194, 703-708	6.2	42
24	Enzyme Mimicry for Combating Bacteria and Biofilms. *Accounts of Chemical Research*, **2018**, 51, 789-799	24.3	216
23	Phytochemical-encapsulated nanoplatform for □on-demand□ synergistic treatment of multidrug-resistant bacteria. *Nano Research*, **2018**, 11, 3762-3770	10	21
22	Nanozyme Decorated Metal-Organic Frameworks for Enhanced Photodynamic Therapy. *ACS Nano*, **2018**, 12, 651-661	16.7	464
21	Biomimetic nanoflowers by self-assembly of nanozymes to induce intracellular oxidative damage against hypoxic tumors. *Nature Communications*, **2018**, 9, 3334	17.4	308
20	Erythrocyte Membrane Cloaked Metal-Organic Framework Nanoparticle as Biomimetic Nanoreactor for Starvation-Activated Colon Cancer Therapy. *ACS Nano*, **2018**, 12, 10201-10211	16.7	214
19	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	9.6	59
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	9.5	47
17	Unraveling the Enzymatic Activity of Oxygenated Carbon Nanotubes and Their Application in the Treatment of Bacterial Infections. *Nano Letters*, **2018**, 18, 3344-3351	11.5	120
16	An Efficient and Benign Antimicrobial Depot Based on Silver-Infused MoS. *ACS Nano*, **2017**, 11, 4651-4659	16.7	139
15	Chemically individual armoured bioreporter bacteria used for the in vivo sensing of ultra-trace toxic metal ions. *Chemical Communications*, **2017**, 53, 8415-8418	5.8	5

14	Hyaluronic Acid-Templated Ag Nanoparticles/Graphene Oxide Composites for Synergistic Therapy of Bacteria Infection. *ACS Applied Materials & Interfaces*, **2017**, 9, 19717-19724	9.5	86
13	A bifunctional nanomodulator for boosting CpG-mediated cancer immunotherapy. *Nanoscale*, **2017**, 9, 14236-14247	7.7	38
12	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	4.8	12
11	Activation of biologically relevant levels of reactive oxygen species by Au/g-CN hybrid nanozyme for bacteria killing and wound disinfection. *Biomaterials*, **2017**, 113, 145-157	15.6	234
10	A graphitic hollow carbon nitride nanosphere as a novel photochemical internalization agent for targeted and stimuli-responsive cancer therapy. *Nanoscale*, **2016**, 8, 12570-8	7.7	71
9	Embedding magnetic nanoparticles into coordination polymers to mimic zinc ion transporters for targeted tumor therapy. *Chemical Communications*, **2016**, 52, 12598-12601	5.8	9
8	A Multinuclear Metal Complex Based DNase-Mimetic Artificial Enzyme: Matrix Cleavage for Combating Bacterial Biofilms. *Angewandte Chemie - International Edition*, **2016**, 55, 10732-6	16.4	134
7	A Multinuclear Metal Complex Based DNase-Mimetic Artificial Enzyme: Matrix Cleavage for Combating Bacterial Biofilms. *Angewandte Chemie*, **2016**, 128, 10890-10894	3.6	24
6	Copper(II)-Graphitic Carbon Nitride Triggered Synergy: Improved ROS Generation and Reduced Glutathione Levels for Enhanced Photodynamic Therapy. *Angewandte Chemie - International Edition* , **2016**, 55, 11467-71	16.4	282
5	Transmutation of Personal Glucose Meters into Portable and Highly Sensitive Microbial Pathogen Detection Platform. *Small*, **2015**, 11, 4970-5	11	44
4	Programmable Downregulation of Enzyme Activity Using a Fever and NIR-Responsive Molecularly Imprinted Nanocomposite. *Small*, **2015**, 11, 6172-8	11	11
3	Multifunctional upconverting nanoparticles for near-infrared triggered and synergistic antibacterial resistance therapy. *Chemical Communications*, **2014**, 50, 10488-90	5.8	92
2	A multi-stimuli responsive gold nanocage-hyaluronic platform for targeted photothermal and chemotherapy. *Biomaterials*, **2014**, 35, 9678-88	15.6	149
1	Coupling exonuclease III with DNA metallization for amplified detection of biothiols at picomolar concentration. *Biosensors and Bioelectronics*, **2014**, 58, 214-8	11.8	10