

Jiangjiexing Wu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

4,820
citations

430874

18
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

4693
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanomaterials with enzyme-like characteristics (nanozymes): next-generation artificial enzymes (II). <i>Chemical Society Reviews</i> , 2019, 48, 1004-1076.	38.1	2,528
2	Surface-Enhanced Raman Scattering Active Gold Nanoparticles with Enzyme-Mimicking Activities for Measuring Glucose and Lactate in Living Tissues. <i>ACS Nano</i> , 2017, 11, 5558-5566.	14.6	514
3	ROS scavenging Mn ₃ O ₄ nanozymes for <i>in vivo</i> anti-inflammation. <i>Chemical Science</i> , 2018, 9, 2927-2933.	7.4	447
4	Monitoring of Heparin Activity in Live Rats Using Metal-Organic Framework Nanosheets as Peroxidase Mimics. <i>Analytical Chemistry</i> , 2017, 89, 11552-11559.	6.5	215
5	Nanozyme Sensor Arrays Based on Heteroatom-Doped Graphene for Detecting Pesticides. <i>Analytical Chemistry</i> , 2020, 92, 7444-7452.	6.5	165
6	Integrated nanozymes: facile preparation and biomedical applications. <i>Chemical Communications</i> , 2018, 54, 6520-6530.	4.1	130
7	Rational Design of Au@Pt Multibranching Nanostructures as Bifunctional Nanozymes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 12954-12959.	8.0	114
8	Ligand-Dependent Activity Engineering of Glutathione Peroxidase-Mimicking MIL-47(V) Metal-Organic Framework Nanozyme for Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1227-1234.	13.8	111
9	Multifunctional nanozymes: enzyme-like catalytic activity combined with magnetism and surface plasmon resonance. <i>Nanoscale Horizons</i> , 2018, 3, 367-382.	8.0	92
10	DNA Sequence-Dependent Morphological Evolution of Silver Nanoparticles and Their Optical and Hybridization Properties. <i>Journal of the American Chemical Society</i> , 2014, 136, 15195-15202.	13.7	89
11	Hammett Relationship in Oxidase-Mimicking Metal-Organic Frameworks Revealed through a Protein-Inspired Strategy. <i>Advanced Materials</i> , 2021, 33, e2005024.	21.0	85
12	Nanozymes: Next Wave of Artificial Enzymes. <i>Springer Briefs in Molecular Science</i> , 2016, , .	0.1	62
13	Accelerated discovery of superoxide-dismutase nanozymes via high-throughput computational screening. <i>Nature Communications</i> , 2021, 12, 6866.	12.8	62
14	Growth Mechanisms of Fluorescent Silver Clusters Regulated by Polymorphic DNA Templates: A DFT Study. <i>Journal of Physical Chemistry B</i> , 2012, 116, 1655-1665.	2.6	51
15	Cerium oxide nanozyme attenuates periodontal bone destruction by inhibiting the ROS-NF κ B pathway. <i>Nanoscale</i> , 2022, 14, 2628-2637.	5.6	46
16	Synthesis-temperature-regulated multi-enzyme-mimicking activities of ceria nanozymes. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7238-7245.	5.8	29
17	Enhanced and tunable fluorescent quantum dots within a single crystal of protein. <i>Nano Research</i> , 2013, 6, 627-634.	10.4	24
18	Ligand-Dependent Activity Engineering of Glutathione Peroxidase-Mimicking MIL-47(V) Metal-Organic Framework Nanozyme for Therapy. <i>Angewandte Chemie</i> , 2021, 133, 1247-1254.	2.0	21

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19	Effects of CTAB on porous silica templated by chitosan. <i>Journal of Materials Science</i> , 2010, 45, 4470-4479.	3.7	12
20	Nucleation and Growth of Na_2CO_3 Clusters in Supercritical Water Using Molecular Dynamics Simulation. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2012, 28, 1691-1700.	4.9	12
21	Effects of surfactant/water ratio and dye amount on the fluorescent silica nanoparticles. <i>Colloid Journal</i> , 2010, 72, 723-729.	1.3	7
22	Nanozymes for Biomedical Sensing Applications. , 2018, , 171-209.		3
23	Innenr¼cktitelbild: Ligandâ€Dependent Activity Engineering of Glutathione Peroxidaseâ€Mimicking MILâ€47(V) Metalâ€Organic Framework Nanozyme for Therapy (<i>Angew. Chem.</i> 3/2021). <i>Angewandte Chemie</i> , 2021, 133, 1683-1683.	2.0	0