

A Redox Modulatory Mn₃O₄ Nanoparticle
Provides Efficient Cytoprotection to Human Cells in a P

Angewandte Chemie - International Edition

56, 14267-14271

DOI: 10.1002/anie.201708573

Citation Report

#	ARTICLE	IF	CITATIONS
1	Manganese-Based Nanozymes: Multienzyme Redox Activity and Effect on the Nitric Oxide Produced by Endothelial Nitric Oxide Synthase. <i>Chemistry - A European Journal</i> , 2018, 24, 8393-8403.	1.7	84
2	Bioinspired Design of Fe ³⁺ -Doped Mesoporous Carbon Nanospheres for Enhanced Nanozyme Activity. <i>Chemistry - A European Journal</i> , 2018, 24, 7259-7263.	1.7	69
3	ROS scavenging Mn ₃ O ₄ nanozymes for <i>in vivo</i> anti-inflammation. <i>Chemical Science</i> , 2018, 9, 2927-2933.	3.7	447
4	Dendritic fibrous nano-silica supported gold nanoparticles as an artificial enzyme. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1600-1604.	2.9	57
5	Nanoisozymes: Crystal-Facet-Dependent Enzyme-Mimetic Activity of V ₂ O ₅ Nanomaterials. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4510-4515.	7.2	181
6	Nanoisozymes: Crystal-Facet-Dependent Enzyme-Mimetic Activity of V ₂ O ₅ Nanomaterials. <i>Angewandte Chemie</i> , 2018, 130, 4600-4605.	1.6	65
7	Theranostical application of nanomedicine for treating central nervous system disorders. <i>Science China Life Sciences</i> , 2018, 61, 392-399.	2.3	19
8	Antioxidant activity of nanomaterials. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2036-2051.	2.9	162
9	Porous Co ₃ O ₄ nanoplates with pH-switchable peroxidase- and catalase-like activity. <i>Nanoscale</i> , 2018, 10, 19140-19146.	2.8	81
10	Mn-Fe layered double hydroxide nanosheets: a new photothermal nanocarrier for O ₂ -evolving phototherapy. <i>Chemical Communications</i> , 2018, 54, 11729-11732.	2.2	45
11	Carbon Dot Nanozymes: How to Be Close to Natural Enzymes. <i>Chemistry - A European Journal</i> , 2019, 25, 954-960.	1.7	50
12	Mesoporous Encapsulated Chiral Nanogold for Use in Enantioselective Reactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16791-16795.	7.2	91
13	Mesoporous Encapsulated Chiral Nanogold for Use in Enantioselective Reactions. <i>Angewandte Chemie</i> , 2018, 130, 17033-17037.	1.6	14
14	Direct observation of selective autophagy induction in cells and tissues by self-assembled chiral nanodevice. <i>Nature Communications</i> , 2018, 9, 4494.	5.8	67
15	Nanozyme Sensor Arrays for Detecting Versatile Analytes from Small Molecules to Proteins and Cells. <i>Analytical Chemistry</i> , 2018, 90, 11696-11702.	3.2	150
16	Nanozyme: An emerging alternative to natural enzyme for biosensing and immunoassay. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 105, 218-224.	5.8	513
17	On the origin of the synergy between the Pt nanoparticles and MnO ₂ nanosheets in Wonton-like 3D nanozyme oxidase mimics. <i>Biosensors and Bioelectronics</i> , 2018, 121, 159-165.	5.3	90
18	Prussian blue with intrinsic heme-like structure as peroxidase mimic. <i>Nano Research</i> , 2018, 11, 4905-4913.	5.8	98

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19	Carbon-Shielded Three-Dimensional Co ^{II} /Mn Nanowire Array Anchored on Ni Foam with Dual-Enzyme Mimic Performance for Selective Detection of Ascorbic Acid. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15471-15478.	3.2	19
20	Manganese Oxide Nanoclusters for Skin Photoprotection. <i>ACS Applied Bio Materials</i> , 2019, 2, 3974-3982.	2.3	7
21	Therapeutic effect of yttrium oxide nanoparticles for the treatment of fulminant hepatic failure. <i>Nanomedicine</i> , 2019, 14, 2519-2533.	1.7	18
22	Ru(III)-Based Metal-Organic Gels: Intrinsic Horseradish and NADH Peroxidase-Mimicking Nanozyme. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 29158-29166.	4.0	55
23	Unprecedented peroxidase-mimicking activity of single-atom nanozyme with atomically dispersed Fe ^{II} /N _x moieties hosted by MOF derived porous carbon. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111495.	5.3	186
24	A dopamine-induced Au hydrogel nanozyme for enhanced biomimetic catalysis. <i>Chemical Communications</i> , 2019, 55, 9865-9868.	2.2	85
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26	Self-generating oxygen enhanced mitochondrion-targeted photodynamic therapy for tumor treatment with hypoxia scavenging. <i>Theranostics</i> , 2019, 9, 6809-6823.	4.6	70
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29	Nanozyme-Based Bandage with Single-Atom Catalysis for Brain Trauma. <i>ACS Nano</i> , 2019, 13, 11552-11560.	7.3	193
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34	Mn ₃ O ₄ microspheres as an oxidase mimic for rapid detection of glutathione. <i>RSC Advances</i> , 2019, 9, 16509-16514.	1.7	39
35	Biomimetic design for enhancing the peroxidase mimicking activity of hemin. <i>Nanoscale</i> , 2019, 11, 12603-12609.	2.8	53
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37	Light-Responsive Metal-Organic Framework as an Oxidase Mimic for Cellular Glutathione Detection. <i>Analytical Chemistry</i> , 2019, 91, 8170-8175.	3.2	171
38	Lock and key-based nanozyme model to understand the substituent effect on the hydrolysis of organophosphate-based nerve agents by Zr-incorporated cerium oxide. <i>Polyhedron</i> , 2019, 172, 198-204.	1.0	8
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41	Bactericidal effects and accelerated wound healing using Tb4O7 nanoparticles with intrinsic oxidase-like activity. <i>Journal of Nanobiotechnology</i> , 2019, 17, 54.	4.2	33
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45	CeVO ₄ Nanozymes Catalyze the Reduction of Dioxygen to Water without Releasing Partially Reduced Oxygen Species. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7797-7801.	7.2	67
46	A series of MOF/Ce-based nanozymes with dual enzyme-like activity disrupting biofilms and hindering recolonization of bacteria. <i>Biomaterials</i> , 2019, 208, 21-31.	5.7	208
47	Nanozyme-Catalyzed Cascade Reactions for Mitochondria-Mimicking Oxidative Phosphorylation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5572-5576.	7.2	104
48	Nanozyme-Catalyzed Cascade Reactions for Mitochondria-Mimicking Oxidative Phosphorylation. <i>Angewandte Chemie</i> , 2019, 131, 5628-5632.	1.6	12
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62	When Nanozymes Meet Single-Atom Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 2585-2596.	1.6	117
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110	Applications of nanozymes in the environment. <i>Environmental Science: Nano</i> , 2020, 7, 1305-1318.	2.2	87
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139	A Cerium Vanadate Nanozyme with Specific Superoxide Dismutase Activity Regulates Mitochondrial Function and ATP Synthesis in Neuronal Cells. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3121-3130.	7.2	111
140	Coordination Number Regulation of Molybdenum Single-Atom Nanozyme Peroxidase-like Specificity. <i>CheM</i> , 2021, 7, 436-449.	5.8	216
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