

Unprecedented peroxidase-mimicking activity of single dispersed Fe²⁺/N_x moieties hosted by MOF derived porous carbon

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Emerging applications of nanozymes in environmental analysis: Opportunities and trends. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 120, 115653.	5.8	108
2	2D Graphene Oxide/Fe-MOF Nanozyme Nest with Superior Peroxidase-Like Activity and Its Application for Detection of Woodsmoke Exposure Biomarker. <i>Analytical Chemistry</i> , 2019, 91, 13847-13854.	3.2	116
3	Colorimetric quantification and discrimination of phenolic pollutants based on peroxidase-like Fe ₃ O ₄ nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2020, 303, 127225.	4.0	94
4	Promoting Active Sites in MOF-Derived Homobimetallic Hollow Nanocages as a High-Performance Multifunctional Nanozyme Catalyst for Biosensing and Organic Pollutant Degradation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2581-2590.	4.0	129
5	Selective Sensing of Copper Ions by Mesoporous Porphyrinic Metal-Organic Framework Nanoovals. <i>Analytical Chemistry</i> , 2020, 92, 2201-2206.	3.2	39
6	Review—Nanozyme-Based Immunosensors and Immunoassays: Recent Developments and Future Trends. <i>Journal of the Electrochemical Society</i> , 2020, 167, 037508.	1.3	67
7	Size-controllable Fe-N/C single-atom nanozyme with exceptional oxidase-like activity for sensitive detection of alkaline phosphatase. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127511.	4.0	204
8	Bimetallic Fe/Mn metal-organic-frameworks and Au nanoparticles anchored carbon nanotubes as a peroxidase-like detection platform with increased active sites and enhanced electron transfer. <i>Talanta</i> , 2020, 210, 120678.	2.9	45
9	Single-Atom Catalysts across the Periodic Table. <i>Chemical Reviews</i> , 2020, 120, 11703-11809.	23.0	690
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13	Atomic engineering of single-atom nanozymes for enzyme-like catalysis. <i>Chemical Science</i> , 2020, 11, 9741-9756.	3.7	157
14	Perovskite mesoporous LaFeO ₃ with peroxidase-like activity for colorimetric detection of gallic acid. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128642.	4.0	40
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16	Tuning Atomically Dispersed Fe Sites in Metal-Organic Frameworks Boosts Peroxidase-Like Activity for Sensitive Biosensing. <i>Nano-Micro Letters</i> , 2020, 12, 184.	14.4	77
17	The synthetic strategies for single atomic site catalysts based on metal-organic frameworks. <i>Nanoscale</i> , 2020, 12, 20580-20589.	2.8	17
18	Metal-organic framework based nanozymes: promising materials for biochemical analysis. <i>Chemical Communications</i> , 2020, 56, 11338-11353.	2.2	170

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