Miaorong Zhang

List of Publications by Year
in descending order

19	265	933447 10	940533 16
papers	citations	h-index	g-index

19	19	19	253
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of three-dimensional laccase-Cu3(PO4)2â‹…3H2O microflowers via biomineralization for UVâ€“vis epinephrine biosensing. Microchemical Journal, 2022, 172, 106911.	4.5	10
2	Facile immobilization of glucose oxidase with Cu3(PO4)2Â·3H2O for glucose biosensing via smartphone. Colloids and Surfaces B: Biointerfaces, 2022, 210, 112259.	5.0	10
3	Cetyl trimethyl ammonium bromide-activated lipase from Aspergillus oryzae immobilized with Cu3(PO4)2â‹…3H2O via biomineralization for hydrolysis of olive oil. LWT - Food Science and Technology, 2022, 159, 113204.	5.2	4
4	The addition of GO-SiO2 to synthesis polyethylene terephthalate composite with enhanced crystalline and mechanical properties. Journal of Materials Research and Technology, 2022, 18, 1746-1753.	5.8	4
5	A smartphone-assisted portable biosensor using laccase-mineral hybrid microflowers for colorimetric determination of epinephrine. Talanta, 2021, 224, 121840.	5.5	28
6	The in situ growth of Cu₂O with a honeycomb structure on a roughed graphite paper for the efficient electroreduction of CO₂ to C₂H₄. Catalysis Science and Technology, 2021, 11, 6742-6749.	4.1	8
7	Modified TiO₂Structures with Enhanced Photoluminescence and Photocatalytic Activity. Science of Advanced Materials, 2021, 13, 331-341.	0.7	3
8	A novel smartphone-based colorimetric biosensor for reliable quantification of hydrogen peroxide by enzyme-inorganic hybrid nanoflowers. Biochemical Engineering Journal, 2021, 167, 107925.	3.6	10
9	Preparation of QDs@SiO₂-PEG-LMPET and its influence on crystallization and luminescence of polyethylene terephthalate. Nanotechnology, 2021, 32, 225706.	2.6	2
10	Green electroless plating of cuprous oxide nanoparticles onto carbon nanotubes as efficient electrocatalysts for hydrogen evolution reaction. Applied Surface Science, 2021, 548, 149218.	6.1	11
11	Self-Photoluminescence of Unzipped Multi-Walled Carbon Nanotubes. Nanomaterials, 2021, 11, 1632.	4.1	0
12	Enzyme-inorganic hybrid nanoflowers: Classification, synthesis, functionalization and potential applications. Chemical Engineering Journal, 2021, 415, 129075.	12.7	59
13	Facile synthesis of recyclable laccase-mineral hybrid complexes with enhanced activity and stability for biodegradation of Evans Blue dye. International Journal of Biological Macromolecules, 2021, 188, 783-789.	7.5	11
14	Effect of surfactant on the morphology and activity of lipase-Cu3(PO4)2â‹…3H2O hybrid microflowers. Materials Letters, 2021, 305, 130751.	2.6	2
15	A Novel Electrochemical Hydrogen Peroxide Sensor Based on AuNPs/n-Type GaN Electrode. Chemistry Letters, 2020, 49, 656-658.	1.3	5
16	UV-Vis detection of hydrogen peroxide using horseradish peroxidase/copper phosphate hybrid nanoflowers. Enzyme and Microbial Technology, 2020, 140, 109620.	3.2	17
17	Synthesis of catalase-inorganic hybrid nanoflowers via sonication for colorimetric detection of hydrogen peroxide. Enzyme and Microbial Technology, 2019, 128, 22-25.	3.2	38
18	Catalase-inorganic hybrid microflowers modified glassy carbon electrode for amperometric detection of hydrogen peroxide. Materials Letters, 2019, 243, 9-12.	2.6	22

#	Article	IF	Citations
19	Photodeposition of palladium nanoparticles on a porous gallium nitride electrode for nonenzymatic electrochemical sensing of glucose. Mikrochimica Acta, 2019, 186, 83.	5.0	21