

Kaili Wu

List of Publications by Year in descending order

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12
papers

593
citations

840119

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1199166

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docs citations

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times ranked

663
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutathione detection based on peroxidase-like activity of Co ₃ O ₄ @Montmorillonite nanocomposites. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 1635-1639.	4.0	119
2	A colorimetric sensor of H ₂ O ₂ based on Co ₃ O ₄ @montmorillonite nanocomposites with peroxidase activity. <i>New Journal of Chemistry</i> , 2018, 42, 1501-1509.	1.4	79
3	Si Doped CoO Nanorods as Peroxidase Mimics for Colorimetric Sensing of Reduced Glutathione. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13989-13998.	3.2	75
4	Synthesis of well-dispersed Fe ₃ O ₄ nanoparticles loaded on montmorillonite and sensitive colorimetric detection of H ₂ O ₂ based on its peroxidase-like activity. <i>New Journal of Chemistry</i> , 2018, 42, 9578-9587.	1.4	65
5	High-performance peroxidase mimics for rapid colorimetric detection of H ₂ O ₂ and glucose derived from perylene diimides functionalized Co ₃ O ₄ nanoparticles. <i>Materials Science and Engineering C</i> , 2017, 80, 558-565.	3.8	51
6	Porphyrin functionalized Co(OH) ₂ /GO nanocomposites as an excellent peroxidase mimic for colorimetric biosensing. <i>Analyst</i> , 2019, 144, 5284-5291.	1.7	45
7	Piezoelectric Nanogenerator for Highly Sensitive and Synchronous Multi-Stimuli Sensing. <i>ACS Nano</i> , 2021, 15, 19783-19792.	7.3	44
8	Efficient Removal of Zn(II), Pb(II), and Cd(II) in Waste Water Based on Magnetic Graphitic Carbon Nitride Materials with Enhanced Adsorption Capacity. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 3902-3912.	1.0	39
9	Cobalt and nickel bimetallic sulfide nanoparticles immobilized on montmorillonite demonstrating peroxidase-like activity for H ₂ O ₂ detection. <i>New Journal of Chemistry</i> , 2018, 42, 18749-18758.	1.4	34
10	Two-dimensional porphyrin-Co ₉ S ₈ nanocomposites with synergistic peroxidase-like catalysis: Synthesis and application toward colorimetric biosensing of H ₂ O ₂ and glutathione. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 568, 248-258.	2.3	23
11	Cobalt tuned copper sulfide on montmorillonite: Peroxidase-like activity, catalytic mechanism and colorimetric sensing of hydrogen peroxide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 602, 125063.	2.3	16
12	Engineered Changes in Structure and Component from Solid NiS ₂ /Reduced Graphene Oxide to Hollow Ni@P/Reduced Graphene Oxide and the Enhanced Performance for Lithium-Ion Batteries. <i>Energy Technology</i> , 2019, 7, 1900342.	1.8	3