Huixiang Wu

List of Publications by Year
in descending order

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Version: 2024-02-01

16	294	932766 10	996533 15
papers	citations	h-index	g-index

16	16	16	434
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Flexible bipyramid-AuNPs based SERS tape sensing strategy for detecting methyl parathion on vegetable and fruit surface. Sensors and Actuators B: Chemical, 2019, 285, 123-128.	4.0	64
2	Rapid and fingerprinted monitoring of pesticide methyl parathion on the surface of fruits/leaves as well as in surface water enabled by gold nanorods based casting-and-sensing SERS platform. Talanta, 2019, 200, 84-90.	2.9	36
3	Activated Ni-based metalâ€“organic framework catalyst with well-defined structure for electrosynthesis of hydrogen peroxide. Chemical Engineering Journal, 2022, 435, 134863.	6.6	33
4	Dual functional rhodium oxide nanocorals enabled sensor for both non-enzymatic glucose and solid-state pH sensing. Biosensors and Bioelectronics, 2018, 112, 136-142.	5.3	28
5	Fluorescent and colorimetric dual-readout sensor based on Griess assay for nitrite detection. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 225, 117470.	2.0	27
6	Co-Cr mixed spinel oxide nanodots anchored on nitrogen-doped carbon nanotubes as catalytic electrode for hydrogen peroxide sensing. Journal of Colloid and Interface Science, 2021, 585, 605-613.	5.0	24
7	Reconstruction of spinel Co₃O₄ by inert Zn²⁺ towards enhanced oxygen catalytic activity. Chemical Communications, 2022, 58, 637-640.	2.2	17
8	Preparation of Quasi-Three-Dimensional Porous Ag and Ag-NiO Nanofibrous Mats for SERS Application. Sensors, 2018, 18, 2862.	2.1	16
9	A Simple SERS-Based Trace Sensing Platform Enabled by AuNPs-Analyte/AuNPs Double-Decker Structure on Wax-Coated Hydrophobic Surface. Frontiers in Chemistry, 2018, 6, 482.	1.8	13
10	A novel detector using a fluorescent sensor array and discrimination of pesticides. Research on Chemical Intermediates, 2016, 42, 7359-7374.	1.3	10
11	Highly sensitive colorimetric and fluorescent sensor for cyanazine based on the inner filter effect of gold nanoparticles. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	9
12	Highly Sensitive Fluorescent Sensor for Cartap Based on Fluorescence Resonance Energy Transfer Between Gold Nanoparticles and Rhodamine B. Journal of Nanoscience and Nanotechnology, 2018, 18, 2441-2449.	0.9	7
13	Detection of Carbendazim Residues in Aqueous Samples by Fluorescent Quenching of Plant Esterase. Journal of Applied Spectroscopy, 2018, 85, 535-542.	0.3	5
14	Mixed Coâ€Mn Spinel Oxides Based Electrocatalysts for Amperometric Determination of Hydrogen Peroxide. ChemistrySelect, 2022, 7, .	0.7	3
15	Highly Selective and Sensitive Colorimetric Sensor for Aminotriazole Residues in Vegetables and Fruits Using Glutathione Functionalized Gold Nanoparticles. Journal of Nanoscience and Nanotechnology, 2017, 17, 4733-4739.	0.9	1
16	Functionalized Nanocomposites as Corrosion Inhibitors. ACS Symposium Series, 0, , 213-229.	0.5	1