

Hongwu Wang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

446
citations

840776

11
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

715
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecularly imprinted electrochemical sensor based on Au nanoparticles in carboxylated multi-walled carbon nanotubes for sensitive determination of olaquinox in food and feedstuffs. <i>Biosensors and Bioelectronics</i> , 2017, 87, 417-421.	10.1	90
2	Application of response surface methodology to optimise supercritical carbon dioxide extraction of essential oil from <i>Cyperus rotundus</i> Linn.. <i>Food Chemistry</i> , 2012, 132, 582-587.	8.2	78
3	Selective extraction and determination of fluoroquinolones in bovine milk samples with montmorillonite magnetic molecularly imprinted polymers and capillary electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 589-598.	3.7	53
4	Selective recognition of dicyandiamide in bovine milk by mesoporous silica SBA-15 supported dicyandiamide imprinted polymer based on surface molecularly imprinting technique. <i>Food Chemistry</i> , 2018, 240, 1262-1267.	8.2	41
5	Electrochemical sensing of nitenpyram based on the binary nanohybrid of hydroxylated multiwall carbon nanotubes/single-wall carbon nanohorns. <i>Journal of Electroanalytical Chemistry</i> , 2020, 862, 113955.	3.8	30
6	Optimization of the extraction of total flavonoids from <i>Scutellaria baicalensis</i> Georgi using the response surface methodology. <i>Journal of Food Science and Technology</i> , 2015, 52, 2336-2343.	2.8	26
7	Molecularly imprinted electrochemical sensor for the determination of ampicillin based on a gold nanoparticle and multiwalled carbon nanotube-coated Pt electrode. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	18
8	Preparation of magnetic Pb(II) and Cd(II) ion-imprinted microspheres and their application in determining the Pb(II) and Cd(II) contents of environmental and food samples. <i>RSC Advances</i> , 2014, 4, 29715.	3.6	18
9	Fabrication of super pure single-walled carbon nanotube electrochemical sensor and its application for picomole detection of olaquinox. <i>Analytica Chimica Acta</i> , 2019, 1049, 82-90.	5.4	17
10	Chemical Composition and Antimicrobial Activity of the Essential Oils Extracted by Microwave-Assisted Hydrodistillation from the Flowers of Two <i>Plumeria</i> Species. <i>Analytical Letters</i> , 2012, 45, 2389-2397.	1.8	16
11	Comparison of MAHD with UAE and Hydrodistillation for the Analysis of Volatile Oil From Four Parts of <i>Perilla frutescens</i> Cultivated in Southern China. <i>Analytical Letters</i> , 2012, 45, 1894-1909.	1.8	14
12	Detection of trace amounts of citrinin in dried orange peel by using an optimized extraction method coupled with ultra-performance liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2018, 32, e4237.	1.7	9
13	Ultrasensitive electrochemical sensor for determination of trace carbadox with ordered mesoporous carbon/GCE. <i>Journal of Electroanalytical Chemistry</i> , 2020, 857, 113736.	3.8	9
14	Comparative Chemical Composition of the Essential Oils Obtained by Microwave-Assisted Hydrodistillation and Hydrodistillation from <i>Agrimonia pilosa</i> Ledeb. Collected in Three Different Regions of China. <i>Chemistry and Biodiversity</i> , 2012, 9, 662-668.	2.1	8
15	In-situ electrochemical co-deposition of bimetallic CuCo nanoparticles on cubic mesoporous carbon for ultrasensitive electrochemical sensing of cyadox. <i>Electrochimica Acta</i> , 2021, 380, 138128.	5.2	7
16	The Mineral Content of <i>Rhizoma cyperia</i> after Microwave-Assisted Digestion and Determination by AAS. <i>Spectroscopy Letters</i> , 2010, 43, 149-154.	1.0	6
17	Phosphatidylethanolamine functionalized biomimetic monolith for immobilized artificial membrane chromatography. <i>Journal of Pharmaceutical Analysis</i> , 2022, 12, 332-338.	5.3	4
18	Novel Electrochemical Sensor Fabricated for Individual and Simultaneous Ultrasensitive Determination of Olaquinox and Carbadox Based on MWCNT-OH/CMK-8 Hybrid Nanocomposite Film. <i>Molecules</i> , 2019, 24, 3041.	3.8	1

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19	Rapid fabrication of partially exfoliated graphite foil with 3D hierarchical structure and its application in electrochemical detection of olaquinox. <i>Electrochimica Acta</i> , 2021, 392, 139039.	5.2	1
20	Effect of mixed thiols on the adsorption, capacitive and hybridization performance of DNA self-assembled monolayers on gold. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 2153-2160.	2.5	0
21	A High Voltage Sonoelectrochemical Route for Preparation of Highly Oxidized Carbon Nanosheets with Excellent Electrocatalytic Property. <i>Journal of the Electrochemical Society</i> , 2022, 169, 073505.	2.9	0