

Hangzhen Lan

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

575
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

925
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional graphene-gold nano-composite fabricated electrochemical biosensor for direct and rapid detection of bisphenol A. <i>Analytica Chimica Acta</i> , 2015, 853, 297-302.	5.4	109
2	Modified zeolitic imidazolate framework-8 as solid-phase microextraction Arrow coating for sampling of amines in wastewater and food samples followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1486, 76-85.	3.7	78
3	An automated solid-phase microextraction method based on magnetic molecularly imprinted polymer as fiber coating for detection of trace estrogens in milk powder. <i>Journal of Chromatography A</i> , 2014, 1331, 10-18.	3.7	77
4	Development of a novel magnetic molecularly imprinted polymer coating using porous zeolite imidazolate framework-8 coated magnetic iron oxide as carrier for automated solid phase microextraction of estrogens in fish and pork samples. <i>Journal of Chromatography A</i> , 2014, 1365, 35-44.	3.7	72
5	Thin metal organic frameworks coatings by cathodic electrodeposition for solid-phase microextraction and analysis of trace exogenous estrogens in milk. <i>Analytica Chimica Acta</i> , 2016, 937, 53-60.	5.4	53
6	Aerial drone as a carrier for miniaturized air sampling systems. <i>Journal of Chromatography A</i> , 2019, 1597, 202-208.	3.7	44
7	Integrated atomic layer deposition and chemical vapor reaction for the preparation of metal organic framework coatings for solid-phase microextraction Arrow. <i>Analytica Chimica Acta</i> , 2018, 1024, 93-100.	5.4	43
8	Miniaturised air sampling techniques for analysis of volatile organic compounds in air. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 126, 115873.	11.4	37
9	Fully Automated Online Dynamic In-Tube Extraction for Continuous Sampling of Volatile Organic Compounds in Air. <i>Analytical Chemistry</i> , 2019, 91, 8507-8515.	6.5	18
10	Selective extraction of aliphatic amines by functionalized mesoporous silica-coated solid phase microextraction Arrow. <i>Mikrochimica Acta</i> , 2019, 186, 412.	5.0	16
11	Quantitative analysis and spatial and temporal distribution of volatile organic compounds in atmospheric air by utilizing drone with miniaturized samplers. <i>Chemosphere</i> , 2021, 282, 131024.	8.2	12
12	Comparison of multiple calibration approaches for the determination of volatile organic compounds in air samples by solid phase microextraction Arrow and in-tube extraction. <i>Journal of Chromatography A</i> , 2020, 1616, 460825.	3.7	9
13	Layered double hydroxide/poly(vinylpyrrolidone) coated solid phase microextraction Arrow for the determination of volatile organic compounds in water. <i>Journal of Separation Science</i> , 2020, 43, 3285-3293.	2.5	7