

Isabel Costas-Mora

List of Publications by Year in descending order

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papers

522
citations

759233

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12
times ranked

808
citing authors

#	ARTICLE	IF	CITATIONS
1	In Situ Building of a Nanoprobe Based on Fluorescent Carbon Dots for Methylmercury Detection. <i>Analytical Chemistry</i> , 2014, 86, 4536-4543.	6.5	132
2	An overview of recent advances in the application of quantum dots as luminescent probes to inorganic-trace analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 57, 64-72.	11.4	65
3	Advances in miniaturized UV-Vis spectrometric systems. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 1637-1648.	11.4	55
4	Nanoparticle-enhanced liquid-phase microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 68, 78-87.	11.4	50
5	Quantum Dot-Based Headspace Single-Drop Microextraction Technique for Optical Sensing of Volatile Species. <i>Analytical Chemistry</i> , 2011, 83, 2388-2393.	6.5	46
6	Quantum Dots Confined in an Organic Drop as Luminescent Probes for Detection of Selenium by Microfluorospectrometry after Hydrization: Study of the Quenching Mechanism and Analytical Performance. <i>Analytical Chemistry</i> , 2012, 84, 4452-4459.	6.5	41
7	Cold vapor-solid phase microextraction using amalgamation in different Pd-based substrates combined with direct thermal desorption in a modified absorption cell for the determination of Hg by atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2011, 66, 156-162.	2.9	33
8	In situ ultrasound-assisted synthesis of Fe ₃ O ₄ nanoparticles with simultaneous ion co-precipitation for multielemental analysis of natural waters by total reflection X-ray fluorescence spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 923.	3.0	24
9	In situ photochemical synthesis of fluorescent carbon dots for optical sensing of hydrogen peroxide and antioxidants. <i>Talanta</i> , 2015, 144, 1308-1315.	5.5	23
10	Rapid screening of polycyclic aromatic hydrocarbons (PAHs) in waters by directly suspended droplet microextraction-microvolume fluorospectrometry. <i>Talanta</i> , 2012, 89, 217-222.	5.5	22
11	Solid-state chemiluminescence assay for ultrasensitive detection of antimony using on-vial immobilization of CdSe quantum dots combined with liquid-liquid microextraction. <i>Analytica Chimica Acta</i> , 2013, 788, 114-121.	5.4	19
12	Ion pair-based liquid-phase microextraction combined with cuvetteless UV-vis micro-spectrophotometry as a miniaturized assay for monitoring ammonia in waters. <i>Talanta</i> , 2011, 85, 1448-1452.	5.5	12