

Mohammad Hossein Banitaba

List of Publications by Year in descending order

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papers

631
citations

623734

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713466

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docs citations

21
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid-phase microextraction of phthalate esters from aqueous media by electrophoretically deposited TiO ₂ nanoparticles on a stainless steel fiber. <i>Journal of Chromatography A</i> , 2013, 1283, 1-8.	3.7	79
2	A non-enzymatic nanomagnetic electro-immunosensor for determination of Aflatoxin B1 as a model antigen. <i>Sensors and Actuators B: Chemical</i> , 2013, 177, 1122-1127.	7.8	69
3	A selective electromembrane extraction of uranium (VI) prior to its fluorometric determination in water. <i>Analytica Chimica Acta</i> , 2013, 783, 74-79.	5.4	61
4	Electro membrane extraction of sodium diclofenac as an acidic compound from wastewater, urine, bovine milk, and plasma samples and quantification by high-performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2012, 722, 55-62.	5.4	59
5	Comparison of direct, headspace and headspace cold fiber modes in solid phase microextraction of polycyclic aromatic hydrocarbons by a new coating based on poly(3,4-ethylenedioxythiophene)/graphene oxide composite. <i>Journal of Chromatography A</i> , 2014, 1325, 23-30.	3.7	59
6	Development of a new pH assisted homogeneous liquid-liquid microextraction by a solvent with switchable hydrophilicity: Application for GC-MS determination of methamphetamine. <i>Talanta</i> , 2018, 184, 103-108.	5.5	59
7	Application of a new fiber coating based on electrochemically reduced graphene oxide for the cold-fiber headspace solid-phase microextraction of tricyclic antidepressants. <i>Journal of Separation Science</i> , 2014, 37, 1162-1169.	2.5	44
8	Study of interactions between DNA and aflatoxin B1 using electrochemical and fluorescence methods. <i>Analytical Biochemistry</i> , 2011, 411, 218-222.	2.4	36
9	Solid-phase microextraction of phthalate esters by a new coating based on a thermally stable polypyrrole/graphene oxide composite. <i>Journal of Separation Science</i> , 2014, 37, 3142-3149.	2.5	28
10	Determination of N-nitrosodiethanolamine in cosmetic products by headspace solid phase microextraction using a novel aluminum hydroxide grafted fused silica fiber followed by gas chromatography-mass spectrometry analysis. <i>Talanta</i> , 2013, 105, 347-353.	5.5	25
11	Preparation and evaluation of a novel solid-phase microextraction fiber based on poly(3,4-ethylenedioxythiophene) for the analysis of OCPs in water. <i>Analytical Methods</i> , 2011, 3, 2061.	2.7	24
12	Application of Self-Assembled Monolayers in the Preparation of Solid-Phase Microextraction Coatings. <i>Chromatographia</i> , 2011, 74, 421-427.	1.3	19
13	Electro-assisted solid-phase microextraction based on poly(3,4-ethylenedioxythiophene) combined with GC for the quantification of tricyclic antidepressants. <i>Journal of Separation Science</i> , 2013, 36, 2315-2322.	2.5	16
14	Fast vaporization solid phase microextraction and ion mobility spectrometry: A new approach for determination of creatinine in biological fluids. <i>Talanta</i> , 2015, 144, 474-479.	5.5	15
15	A novel temperature controlled switchable solvent based microextraction method: Application for the determination of phthalic acid esters in water samples. <i>Microchemical Journal</i> , 2020, 152, 104300.	4.5	15
16	A New Aluminium Hydroxide Coating on Fused Silica Fiber for the Determination of 1,4-Dioxane in Surfactants and Detergents Using HS-SPME-GC. <i>Chromatographia</i> , 2012, 75, 371-377.	1.3	10
17	Electrochemical synthesis of novel β -extended phenoxazine derivatives of porphyrincatecholes. <i>Electrochimica Acta</i> , 2011, 56, 9426-9432.	5.2	6
18	Electrochemical Synthesis of Poly(N-phenylglycine) and Characterization by Cyclic Voltammetry. <i>Polymer-Plastics Technology and Engineering</i> , 2012, 51, 221-224.	1.9	3

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19	Study of Electrochemical Oxidation of Catechol Derivatives in the Presence of 1-Phenyl-3-Methyl-5-Pyrazolone as a Nucleophile. ECS Electrochemistry Letters, 2012, 1, G4-G6.	1.9	2
20	A new method for grafting functional groups onto mesoporous silica: an electrochemical approach. Journal of Applied Electrochemistry, 2013, 43, 735-748.	2.9	1
21	Electrochemical Synthesis of Cu (II) Coordination Polymer Coatings Based on 2,2- α -Thiodiacetic Acid and 1,2,4,5-Benzenetetracarboxylate. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 376-383.	3.7	1