

Mir Mahdi Abolghasemi

List of Publications by Year in descending order

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49
papers

960
citations

394421

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h-index

477307

29
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all docs

49
docs citations

49
times ranked

956
citing authors

#	ARTICLE	IF	CITATIONS
1	Polypyrrole/hexagonally ordered silica nanocomposite as a novel fiber coating for solid-phase microextraction. <i>Analytica Chimica Acta</i> , 2011, 704, 174-179.	5.4	66
2	Periodic mesoporous organosilica with ionic liquid framework as a novel fiber coating for headspace solid-phase microextraction of polycyclic aromatic hydrocarbons. <i>Analytica Chimica Acta</i> , 2013, 804, 280-286.	5.4	64
3	Synthesis of a metal-organic framework confined in periodic mesoporous silica with enhanced hydrostability as a novel fiber coating for solid-phase microextraction. <i>Journal of Separation Science</i> , 2015, 38, 1187-1193.	2.5	48
4	Deep eutectic solvents as extraction phase in head-space single-drop microextraction for determination of pesticides in fruit juice and vegetable samples. <i>Microchemical Journal</i> , 2020, 158, 105041.	4.5	47
5	Layered double hydroxide nanoparticles as an appealing nanoparticle in gene/plasmid and drug delivery system in C2C12 myoblast cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 436-442.	2.8	44
6	Anodized aluminum wire as a solid-phase microextraction fiber for rapid determination of volatile constituents in medicinal plant. <i>Analytica Chimica Acta</i> , 2011, 701, 1-5.	5.4	43
7	Three dimensionally honeycomb layered double hydroxides framework as a novel fiber coating for headspace solid-phase microextraction of phenolic compounds. <i>Journal of Chromatography A</i> , 2014, 1345, 9-16.	3.7	43
8	Efficient solid-phase microextraction of triazole pesticides from natural water samples using a Nafion-loaded trimethylsilane-modified mesoporous silica coating of type SBA-15. <i>Mikrochimica Acta</i> , 2016, 183, 889-895.	5.0	43
9	Synthesis of carbon nanotube/layered double hydroxide nanocomposite as a novel fiber coating for the headspace solid-phase microextraction of phenols from water samples. <i>Journal of Separation Science</i> , 2015, 38, 1344-1350.	2.5	33
10	Preparation of a novel green optical pH sensor based on immobilization of red grape extract on bioorganic agarose membrane. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 391-395.	7.8	33
11	A nanoporous anodized alumina wire with a nanosized hydroxyapatite coating for headspace solid-phase microextraction of phenol and chlorophenols. <i>Mikrochimica Acta</i> , 2016, 183, 241-247.	5.0	32
12	Fabrication of a hierarchical dodecyl sulfate-layered double hydroxide nanocomposite on porous aluminum wire as an efficient coating for solid-phase microextraction of phenols. <i>Mikrochimica Acta</i> , 2015, 182, 1177-1186.	5.0	30
13	Microextraction of phenolic compounds using a fiber coated with a polyaniline-montmorillonite nanocomposite. <i>Mikrochimica Acta</i> , 2015, 182, 273-280.	5.0	30
14	Inside needle capillary adsorption trap device for headspace solid-phase dynamic extraction based on polyaniline/hexagonally ordered silica nanocomposite. <i>Journal of Separation Science</i> , 2012, 35, 695-701.	2.5	28
15	Analysis of volatile oil composition of <i>Citrus aurantium</i> L. by microwave-assisted extraction coupled to headspace solid-phase microextraction with nanoporous based fibers. <i>Journal of Separation Science</i> , 2013, 36, 872-877.	2.5	28
16	An inorganic-organic hybrid material based on ZnO nanoparticles anchored to a composite made from polythiophene and hexagonally ordered silica for use in solid-phase fiber microextraction of PAHs. <i>Mikrochimica Acta</i> , 2014, 181, 639-645.	5.0	26
17	Double-charged ionic liquid-functionalized layered double hydroxide nanomaterial as a new fiber coating for solid-phase microextraction of phenols. <i>Mikrochimica Acta</i> , 2015, 182, 2155-2164.	5.0	23
18	Rapid Analysis of Volatile Components from <i>Teucrium polium</i> L. by Nanoporous Silica-polyaniline Solid Phase Microextraction Fibre. <i>Phytochemical Analysis</i> , 2013, 24, 69-74.	2.4	22

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19	Fabrication of polyaniline-coated halloysite nanotubes by in situ chemical polymerization as a solid-phase microextraction coating for the analysis of volatile organic compounds in aqueous solutions. <i>Journal of Separation Science</i> , 2016, 39, 956-963.	2.5	22
20	Microwave distillation followed by headspace single drop microextraction coupled to gas chromatography-mass spectrometry (GC-MS) for fast analysis of volatile components of <i>Echinophora platyloba</i> DC. <i>Food Chemistry</i> , 2013, 138, 251-255.	8.2	21
21	A star-shaped polythiophene dendrimer coating for solid-phase microextraction of triazole agrochemicals. <i>Mikrochimica Acta</i> , 2018, 185, 179.	5.0	20
22	Nanoscale-supported heteropoly acid as a new fiber coating for solid-phase microextraction coupled with gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1381, 48-53.	3.7	19
23	Polyoxometalate-based ionic liquid coating for solid phase microextraction of triazole pesticides in water samples. <i>Separation Science and Technology</i> , 2019, 54, 1553-1559.	2.5	17
24	Polypyrrole-montmorillonite nanocomposite as sorbent for solid-phase microextraction of phenolic compounds in water. <i>Journal of Separation Science</i> , 2014, 37, 3526-3532.	2.5	16
25	Polythiophene/hexagonally ordered silica nanocomposite coating as a solid-phase microextraction fiber for the determination of polycyclic aromatic hydrocarbons in water. <i>Journal of Separation Science</i> , 2014, 37, 120-126.	2.5	16
26	Bio template route for fabrication of a hybrid material composed of hierarchical boehmite, layered double hydroxides (Mg-Al) and porous carbon on a steel fiber for solid phase microextraction of agrochemicals. <i>Mikrochimica Acta</i> , 2019, 186, 678.	5.0	16
27	Preparation and evaluation of a layered double hydroxide film on a nanoporous anodic aluminum oxide/aluminum wire as a highly thermal-resistant solid-phase microextraction fiber. <i>New Journal of Chemistry</i> , 2015, 39, 3109-3115.	2.8	15
28	Polyoxotungstate nanoclusters supported on silica as an efficient solid-phase microextraction fiber of polycyclic aromatic hydrocarbons. <i>Mikrochimica Acta</i> , 2014, 181, 1807-1814.	5.0	13
29	Fast determination of <i>Ziziphora tenuior</i> L. essential oil by inorganic-organic hybrid material based on ZnO nanoparticles anchored to a composite made from polythiophene and hexagonally ordered silica. <i>Natural Product Research</i> , 2015, 29, 833-837.	1.8	13
30	Ionic liquid-derived nano-fibrillated mesoporous carbon based on solid-phase microextraction fiber for the analysis of volatile organic compounds from aqueous solutions. <i>New Journal of Chemistry</i> , 2015, 39, 6085-6091.	2.8	12
31	Keggin-type heteropoly compounds supported on montmorillonite clays offering strong option for efficient solid-phase microextraction coating. <i>Journal of Chromatography A</i> , 2014, 1327, 14-18.	3.7	11
32	In situ growth of copper-based metal-organic framework nanoarrays on copper wire for solid-phase microextraction of polycyclic aromatic hydrocarbons. <i>Microchemical Journal</i> , 2021, 164, 106078.	4.5	11
33	Rapid analysis of <i>Achillea tenuifolia</i> Lam essential oils by polythiophene/hexagonally ordered silica nanocomposite coating as a solid-phase microextraction fibre. <i>Natural Product Research</i> , 2015, 29, 1789-1792.	1.8	9
34	Graphene oxide induced chemiluminescence used for quenchometric determination of dobutamine hydrochloride. <i>Analytical Methods</i> , 2016, 8, 3496-3502.	2.7	7
35	Synthesis of graphitic carbon nitride on 3D porous anodized aluminum wire as new fiber for microextraction of polycyclic aromatic hydrocarbons in water and wastewater samples. <i>Separation Science and Technology</i> , 2021, 56, 2398-2406.	2.5	6
36	Nanostructured star-shaped polythiophene dendrimer as a highly efficient sorbent for microextraction in packed syringe for HPLC analysis of the Clofentazine in milk and juice samples. <i>Separation Science Plus</i> , 2018, 1, 202-208.	0.6	5

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37	Development of direct microwave desorption/gas chromatography mass spectrometry system for rapid analysis of volatile components in medicinal plants. <i>Journal of Separation Science</i> , 2020, 43, 782-787.	2.5	4
38	Nanoporous Silica-Polypyrrole/SBA-15 as Fiber Coated in the Solid-Phase Microextraction for Determination of <i>Salvia hydrangea</i> DC. Essential Oil. <i>Pharmaceutical Sciences</i> , 2018, 24, 235-239.	0.2	4
39	Hexagonal Ordered Mesoporous Silica-Coated by Polypyrrole as a Coating for Inside Needle Capillary Adsorption Trap of Polycyclic Aromatic Hydrocarbons. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 2834-2842.	2.6	3
40	Synthesis of Ni-Ti Three-Dimensional Layered Double Hydroxide on the Surface of Graphene Oxide for Analysis of the Volatile Compounds. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2021, 45, 875-883.	1.5	3
41	Head space solid phase microextraction of 15 pesticides in water samples using MnO ₂ nanowires decorate on graphenized pencil lead fiber. <i>Separation Science and Technology</i> , 2022, 57, 419-425.	2.5	3
42	Determination of Polycyclic Aromatic Hydrocarbons by Coated Vial Solid-Phase Microextraction Followed by HPLC. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 317-327.	2.6	3
43	Hierarchically Synthesis of Nanoflower Layered Double Hydroxide/Molybdenum Disulfide on Electrochemically Anodized HB Pencil Lead for Determination Trace Amounts of Polycyclic Aromatic Hydrocarbons. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 4078-4085.	2.6	2
44	Selectively Determination Trace Amounts of Polycyclic Aromatic Hydrocarbons from Water and Wastewater Matrices Using Graphitic Carbon Nitride/Layered Double Hydroxide Nanocomposite on Porous Anodized Aluminum Wire as SPME Fiber. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 4173-4182.	2.6	2
45	Fast analysis of volatile compounds from <i>Lippia citriodora</i> with nanoporous aluminum wire as solid-phase microextraction fibres. <i>Natural Product Research</i> , 2017, 31, 351-354.	1.8	1
46	Molecularly Imprinted Polymer-Coated Vial Solid-Phase Microextraction as a Selective and Manual Method for Determination of Bisphenol a in Mineral and River Water Samples. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-9.	2.6	1
47	The New Simple and Manual Coated Serum Vial Solid-Phase Microextraction Method for Pre-Concentration of Polycyclic Aromatic Hydrocarbons in Water Samples. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 7247-7255.	2.6	1
48	Binder-Free Decorated Cu Cluster-Based Metal-Organic Framework on Copper Film for Thin-Film Microextraction of Polycyclic Aromatic Hydrocarbons Followed by High-Performance Liquid Chromatography-Photo Diode Array Detection. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-9.	2.6	1
49	Determination of the scopolamine in <i>Datura innoxia</i> based on quick, easy, cheap, effective, rugged and safe (QuEChERS) extraction followed by HPLC-PDA. <i>Separation Science and Technology</i> , 2021, 56, 2619-2625.	2.5	0