

Milad Ghani

List of Publications by Year in descending order

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papers

906
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471061
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#	ARTICLE	IF	CITATIONS
1	Dissolvable layered double hydroxide coated magnetic nanoparticles for extraction followed by high performance liquid chromatography for the determination of phenolic acids in fruit juices. <i>Journal of Chromatography A</i> , 2014, 1366, 24-30.	1.8	71
2	Metal-organic framework mixed-matrix disks: Versatile supports for automated solid-phase extraction prior to chromatographic separation. <i>Journal of Chromatography A</i> , 2017, 1488, 1-9.	1.8	61
3	Multivariate optimization methods for in-situ growth of LDH/ZIF-8 nanocrystals on anodized aluminium substrate as a nanosorbent for stir bar sorptive extraction in biological and food samples. <i>Food Chemistry</i> , 2019, 288, 39-46.	4.2	52
4	MIL-101 (Cr) @ graphene oxide-reinforced hollow fiber solid-phase microextraction coupled with high-performance liquid chromatography to determine diazinon and chlorpyrifos in tomato, cucumber and agricultural water. <i>Analytica Chimica Acta</i> , 2020, 1140, 99-110.	2.6	47
5	Magnesium-aluminum-layered double hydroxide-graphene oxide composite mixed-matrix membrane for the thin-film microextraction of diclofenac in biological fluids. <i>Journal of Chromatography A</i> , 2018, 1575, 11-17.	1.8	42
6	Hollow fiber liquid-liquid-liquid microextraction followed by solid-phase microextraction and in situ derivatization for the determination of chlorophenols by gas chromatography-electron capture detection. <i>Journal of Chromatography A</i> , 2015, 1418, 45-53.	1.8	35
7	Derived N-doped carbon through core-shell structured metal-organic frameworks as a novel sorbent for dispersive solid phase extraction of Cr(III) and Pb(II) from water samples followed by quantitation through flame atomic absorption spectrometry. <i>Microchemical Journal</i> , 2020, 155, 104786.	2.3	35
8	Emerging materials for sample preparation. <i>Journal of Separation Science</i> , 2018, 41, 262-287.	1.3	33
9	Ordered macro/micro-porous metal-organic framework of type ZIF-8 in a steel fiber as a sorbent for solid-phase microextraction of BTEX. <i>Mikrochimica Acta</i> , 2019, 186, 425.	2.5	32
10	In-situ growth of zeolitic imidazole framework-67 on nanoporous anodized aluminum bar as stir-bar sorptive extraction sorbent for determining caffeine. <i>Journal of Chromatography A</i> , 2018, 1577, 15-23.	1.8	28
11	Nanoparticle-templated hierarchically porous polymer/zeolitic imidazolate framework as a solid-phase microextraction coatings. <i>Journal of Chromatography A</i> , 2018, 1567, 55-63.	1.8	28
12	Woven cotton yarn-graphene oxide-layered double hydroxide composite as a sorbent for thin film microextraction of nonsteroidal anti-inflammatory drugs followed by quantitation through high performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2020, 1097, 94-102.	2.6	27
13	Zeolitic imidazole framework templated synthesis of nanoporous carbon as a coating for stir bar sorptive extraction of fluorouracil and phenobarbital in human body fluids. <i>Microchemical Journal</i> , 2019, 146, 798-806.	2.3	26
14	In-syringe extraction using dissolvable layered double hydroxide-polymer sponges templated from hierarchically porous coordination polymers. <i>Journal of Chromatography A</i> , 2016, 1453, 1-9.	1.8	24
15	Automated solid-phase extraction of organic pollutants using melamine-formaldehyde polymer-derived carbon foams. <i>RSC Advances</i> , 2016, 6, 48558-48565.	1.7	24
16	Nanocrystalline cellulose as a biotemplate for preparation of porous titania thin film as a sorbent for thin film microextraction of ketorolac, meloxicam, diclofenac and mefenamic acid. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1142, 122039.	1.2	24
17	Automated multisyringe stir bar sorptive extraction using robust montmorillonite/epoxy-coated stir bars. <i>Journal of Chromatography A</i> , 2016, 1445, 10-18.	1.8	23
18	Cu-Modified Magnetic Creatine as an Efficient Catalyst for Regioselective Preparation of 1,2,3-Triazoles Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 3240-3256.	1.4	21

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19	Hierarchical zeolitic imidazolate framework-67 derived from in-situ synthesized CO-Al layered double hydroxide embedded within porous-anodized aluminum foil for thin film microextraction of caffeine followed by its high performance liquid chromatography-ultraviolet detection. <i>Journal of Chromatography A</i> , 2020, 1626, 461358.	1.8	19
20	Glutathione-stabilized Fe ₃ O ₄ nanoparticles as the sorbent for magnetic solid-phase extraction of diazepam and sertraline from urine samples through quantitation via high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2021, 44, 1195-1202.	1.3	18
21	Magnetic Fe ₃ O ₄ @SiO ₂ Core-Shell Nanoparticles Functionalized with Sulfamic Acid Polyamidoamine (PAMAM) Dendrimer for the Multicomponent Synthesis of Polyhydroquinolines and Dihydro-1H-Indeno[1,2-b] Pyridines. <i>Organic Preparations and Procedures International</i> , 2021, 53, 498-508.	0.6	18
22	Cetyltrimethylammonium-coated magnetic nanoparticles for the extraction of bromate, followed by its spectrophotometric determination. <i>Mikrochimica Acta</i> , 2014, 181, 925-933.	2.5	17
23	Automated solid-phase extraction of phenolic acids using layered double hydroxide-alumina-polymer disks. <i>Journal of Separation Science</i> , 2018, 41, 2012-2019.	1.3	17
24	In-situ growth of zinc-aluminum-layered double hydroxide on nanoporous anodized aluminum bar for stir-bar sorptive extraction of phenolic acids. <i>Microchemical Journal</i> , 2019, 147, 1173-1179.	2.3	17
25	Highly porous nanostructured copper oxide foam fiber as a sorbent for head space solid-phase microextraction of BTEX from aqueous solutions. <i>Microchemical Journal</i> , 2019, 145, 210-217.	2.3	16
26	In-situ synthesis of nanocubic cobalt oxide @ graphene oxide nanocomposite reinforced hollow fiber-solid phase microextraction for enrichment of non-steroidal anti-inflammatory drugs from human urine prior to their quantification via high-performance liquid chromatography-ultraviolet detection. <i>Journal of Chromatography A</i> , 2021, 1641, 461984.	1.8	16
27	Determination of quercetin via thin film microextraction using the in situ growth of Co-Al-layered double hydroxide nanosheets on an electrochemically anodized aluminum substrate followed by HPLC. <i>Analytical Methods</i> , 2020, 12, 799-806.	1.3	15
28	Template-directed synthesis of three-dimensional metal organic framework 199-derived highly porous copper nano-foam fiber for solid-phase microextraction of some antibiotics prior to their quantification by High performance liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1660, 462677.	1.8	15
29	Electrochemically decorated network-like cobalt oxide nanosheets on nickel oxide nanoworms substrate as a sorbent for the thin film microextraction of diclofenac. <i>Microchemical Journal</i> , 2019, 146, 149-156.	2.3	14
30	In-situ synthesis of flower like Co ₃ O ₄ nanorod arrays on anodized aluminum substrate templated from layered double hydroxide as a nanosorbent for thin film microextraction of acidic drugs followed by HPLC-UV quantitation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1144, 122090.	1.2	11
31	Thin film microextraction based on Co ₃ O ₄ @GO-Nylon polymeric membrane to extract morin and quercetin and determining them through high performance liquid chromatography-ultraviolet detection. <i>Microchemical Journal</i> , 2021, 170, 106684.	2.3	10
32	Creatine@SiO ₂ @Fe ₃ O ₄ nanocomposite as an efficient sorbent for magnetic solid-phase extraction of escitalopram and chlordiazepoxide from urine samples through quantitation via HPLC-UV. <i>Journal of Separation Science</i> , 0, , .	1.3	10
33	Highly porous nanostructured copper foam fiber impregnated with an organic solvent for headspace liquid-phase microextraction. <i>Journal of Chromatography A</i> , 2016, 1469, 25-34.	1.8	9
34	A dissolvable hierarchical layered double hydroxide templated from porous zeolitic imidazolate framework-67 for dispersive solid phase extraction of bisphenol A. <i>Analytical Methods</i> , 2019, 11, 4184-4189.	1.3	9
35	A review on the recent achievements on coronaviruses recognition using electrochemical detection methods. <i>Microchemical Journal</i> , 2022, 178, 107322.	2.3	7
36	Development of PAMAM dendrimer-modified magnetic polyoxometalate: A novel platform to reinforce mechanical and thermal properties of diglycidyl ether of bisphenol A/isophorone diamine hardener epoxy. <i>High Performance Polymers</i> , 0, , 095400832210895.	0.8	7

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37	Three-dimensional Pd/Pt bimetallic nanodendrites on a highly porous copper foam fiber for headspace solid-phase microextraction of BTEX prior to their quantification by GC-FID. <i>Mikrochimica Acta</i> , 2018, 185, 527.	2.5	6
38	In-situ formation of Zn-Al layered double oxides on electrochemically anodized nanoporous aluminum film as sorbent for chlorophenols extraction from water and wastewater followed by determination using HPLC. <i>Journal of Separation Science</i> , 2021, 44, 1264-1272.	1.3	6
39	Micro-Solid Phase Extraction of Volatile Organic Compounds in Water Samples Using Porous Membrane-Protected Melamine-Modified MIL-88 Followed by Gas Chromatography-Mass Spectrometry. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 5496-5507.	1.4	6
40	Template-directed synthesis of zeolitic imidazolate framework-8 derived Zn-Al layered double oxides decorated on the electrochemically anodized nanoporous aluminum substrate for thin film microextraction of chlorophenols followed by determination with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1656, 462550.	1.8	6
41	Deposition of nickel oxide nanoworms on anodized nickel foil substrates as highly effective thin-film microextraction sorbents to determine caffeine. <i>Analytical Methods</i> , 2018, 10, 5803-5810.	1.3	2
42	Shaker-Assisted Liquid-Liquid Microextraction Followed by Solidification of Floating Organic Droplet and Back-Extraction Procedure besides Partial Least Squares Regression for Simultaneous Spectrophotometric Determination of Benzoic Acid and Sorbic Acid. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 2001-2014.	1.4	2