

Milad Ghani

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Shaker-Assisted Liquidâ€“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. Polycyclic Aromatic Compounds, 2023, 43, 2001-2014.	1.4	2
2	Cu-Modified Magnetic Creatine as an Efficient Catalyst for Regioselective Preparation of 1,2,3-Triazoles Derivatives. Polycyclic Aromatic Compounds, 2023, 43, 3240-3256.	1.4	21
3	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. Polycyclic Aromatic Compounds, 2022, 42, 5496-5507.	1.4	6
4	A review on the recent achievements on coronaviruses recognition using electrochemical detection methods. Microchemical Journal, 2022, 178, 107322.	2.3	7
5	Glutathioneâ€“stabilized Fe ₃ O ₄ nanoparticles as the sorbent for magnetic solidâ€“phase extraction of diazepam and sertraline from urine samples through quantitation via highâ€“performance liquid chromatography. Journal of Separation Science, 2021, 44, 1195-1202.	1.3	18
6	Inâ€“situ formation of Znâ€“Al layered double oxides on electrochemically anodized nanoporous aluminum film as sorbent for chlorophenols extraction from water and wastewater followed by determination using HPLC. Journal of Separation Science, 2021, 44, 1264-1272.	1.3	6
7	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. Journal of Chromatography A, 2021, 1641, 461984.	1.8	16
8	Magnetic Fe ₃ O ₄ @SiO ₂ Coreâ€“Shell Nanoparticles Functionalized with Sulfamic Acid Polyamidoamine (PAMAM) Dendrimer for the Multicomponent Synthesis of Polyhydroquinolines and Dihydro-1H-Indeno[1,2-b] Pyridines. Organic Preparations and Procedures International, 2021, 53, 498-508.	0.6	18
9	Template-directed synthesis of zeolitic imidazolate framework-8 derived Znâ€“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. Journal of Chromatography A, 2021, 1656, 462550.	1.8	6
10	Thin film microextraction based on Co ₃ O ₄ @GO-Nylonâ€“6 polymeric membrane to extract morin and quercetin and determining them through high performance liquid chromatography-ultraviolet detection. Microchemical Journal, 2021, 170, 106684.	2.3	10
11	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. Journal of Chromatography A, 2021, 1660, 462677.	1.8	15
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. Analytica Chimica Acta, 2020, 1097, 94-102.	2.6	27
13	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. Analytica Chimica Acta, 2020, 1140, 99-110.	2.6	47
14	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. Journal of Chromatography A, 2020, 1626, 461358.	1.8	19
15	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. Microchemical Journal, 2020, 155, 104786.	2.3	35
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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1142, 122039.	1.2	24
17	Determination of quercetin <i>via</i> thin film microextraction using the <i>in situ</i> growth of Coâ€“Al-layered double hydroxide nanosheets on an electrochemically anodized aluminum substrate followed by HPLC. Analytical Methods, 2020, 12, 799-806.	1.3	15
18	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1144, 122090.	1.2	11

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19	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
20	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
21	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
22	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
23	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
24	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
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	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
27	Emerging materials for sample preparation. <i>Journal of Separation Science</i> , 2018, 41, 262-287.	1.3	33
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	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
41	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
42	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