Hamid Hashemi-Moghaddam

List of Publications by Year
in descending order

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		471509	526287
57	865	17	27
papers	citations	h-index	g-index

59	59	59	894
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of magnetic nanoparticles coated by 5-fluorouracil imprinted polymer for controlled drug delivery in mouse breast cancer model. International Journal of Pharmaceutics, 2016, 497, 228-238.	5.2	91
2	Sensitized extraction spectrophotometric determination of Hg(II) with dithizone after its flotation as ion-associate using iodide and ferroin. Talanta, 2005, 67, 555-559.	5.5	64
3	Evaluation of molecularly imprinted polymer based on HER2 epitope for targeted drug delivery in ovarian cancer mouse model. Reactive and Functional Polymers, 2017, 121, 82-90.	4.1	43
4	The effects of nanoâ€zinc oxide morphology on functional and antibacterial properties of tapioca starch bionanocomposite. Food Science and Nutrition, 2021, 9, 4497-4508.	3.4	41
5	Optimization of Microwave Assisted Hydrodistillationon Chemical Compositions of the Essential Oils from the Aerial Parts ofThymus pubescensand Comparison with Conventional Hydrodistllation. Journal of Essential Oil-bearing Plants: JEOP, 2015, 18, 884-893.	1.9	32
6	Synthesis of polydopamine as a new and biocompatible coating of magnetic nanoparticles for delivery of doxorubicin in mouse breast adenocarcinoma. Cancer Chemotherapy and Pharmacology, 2016, 78, 1073-1084.	2.3	32
7	Chemical composition of the essential oils from the hulls of Pistacia vera L. by using magnetic nanoparticle-assisted microwave (MW) distillation: comparison with routine MW and conventional hydrodistillation. Analytical Methods, 2014, 6, 2572-2579.	2.7	29
8	Chemical Composition of the Essential Oils from the Aerial Parts ofArtemisia sieberiby Using Conventional Hydrodistillation and Microwave Assisted Hydrodistillation: A Comparative Study. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 32-45.	1.9	29
9	Flotation-Spectrophotometric Determination of Mercury in Water Samples Using Iodide and Ferroin. Analytical Sciences, 2004, 20, 1449-1452.	1.6	27
10	Solid-phase microextraction of chlorpyrifos in fruit samples by synthesised monolithic molecularly imprinted polymer fibres. International Journal of Environmental Analytical Chemistry, 2015, 95, 33-44.	3.3	26
11	Novel molecularly-imprinted solid-phase microextraction fiber coupled with gas chromatography for analysis of furan. Talanta, 2016, 150, 148-154.	5.5	25
12	Determination of total and methyl mercury in human permanent healthy teeth by electrothermal atomic absorption spectrometry after extraction in organic phase. Talanta, 2007, 71, 1319-1325.	5.5	24
13	Synergistic effect of nano-ZnO and Mentha piperita essential oil on the moisture sorption isotherm, antibacterial activity, physicochemical, mechanical, and barrier properties of gelatin film. Journal of Food Measurement and Characterization, 2022, 16, 964-974.	3.2	24
14	Nonderivatized Sarcosine Analysis by Gas Chromatography after Solid-Phase Microextraction by Newly Synthesized Monolithic Molecularly Imprinted Polymer. Chromatographia, 2015, 78, 1263-1270.	1.3	21
15	Application of modified packaging and nano <scp>ZnO</scp> for extending the shelf life of fresh pistachio. Journal of Food Process Engineering, 2020, 43, e13548.	2.9	21
16	Sensitive Mercury Speciation by Reversed-Phase Column High-Performance Liquid Chromatography with UV-Visible Detection After Solid-Phase Extraction Using 6-Mercaptopurine and Dithizone. Journal of AOAC INTERNATIONAL, 2008, 91, 1453-1458.	1.5	20
17	Synthesis and Application of New Resin Functionalized by Brilliant Green for Spectrophotometric Determination of Mercury in Environmental Samples. Analytical Letters, 2009, 42, 1911-1922.	1.8	20
18	Assessment of novel coreâ€“shell Fe3O4@poly lâ€˜DOPA nanoparticles for targeted TaxolÂ® delivery to breast tumor in a mouse model. Materials Science and Engineering C, 2018, 93, 1036-1043.	7.3	17

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19	Photocatalytic Effect of TiO2 Nanoparticles on Morphological and Photochemical Properties of Stevia Plant (Stevia Rebaudiana Bertoni). Sugar Tech, 2019, 21, 1024-1030.	1.8	17
20	Gas Chromatographic-Mass Spectrometric Analysis of Volatiles Obtained by HS-SPME-GC-MS Technique fromStachys lavandulifoliaand Evaluation for Biological Activity: A Review. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 1300-1327.	1.9	16
21	Chemical Composition of the Essential Oils from Flowers and Leaves ofMarsdenia erectaUsing Microwave Assisted Hydrodistillation Technique. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 863-874.	1.9	16
22	Molecularly Imprinted Polymers for Solid-Phase Extraction of Sarcosine as Prostate Cancer Biomarker from Human Urine. Bulletin of the Korean Chemical Society, 2013, 34, 2330-2334.	1.9	16
23	Gas Chromatographic-Mass Spectrometric Analysis of Volatiles Obtained by HS-SPME-GC-MS Technique from Aerial Parts of Ziziphora Capitata L., and Evaluation for Biological Activity.. Oriental Journal of Chemistry, 2016, 32, 1439-1451.	0.3	13
24	Separation of microRNA 21 as a cancer marker from glioblastoma cell line using molecularly imprinted polymer coated on silica nanoparticles. Journal of Separation Science, 2016, 39, 3564-3570.	2.5	13
25	CH 4 â€Selective Mixedâ€Matrix Membranes Containing Functionalized Silica for Natural Gas Purification. Chemical Engineering and Technology, 2020, 43, 2167-2180.	1.5	12
26	Methylmercury determination in biological samples using electrothermal atomic absorption spectrometry after acid leaching extraction. Analytical and Bioanalytical Chemistry, 2006, 386, 1407-1412.	3.7	11
27	Microwave Accelerated Distillation of Essential Oils from the Leaves of Eucalyptus microtheca: Optimization and Comparison with Conventional Hydrodistillation. Asian Journal of Chemistry, 2013, 25, 5423-5427.	0.3	9
28	Synthesis of Molecularly Imprinted Polymer for Removal of Effective Impurity (Benzhydrol) from Diphenhydramine Hydrochloride Drug. Journal of the Chinese Chemical Society, 2014, 61, 643-648.	1.4	9
29	Coating of optical fiber with a smart thermosensitive polymer for the separation of phthalate esters by solidâ€phase microextraction. Journal of Separation Science, 2018, 41, 886-892.	2.5	9
30	Impact of amine- and phenyl-functionalized magnetic nanoparticles impacts on microwave-assisted extraction of essential oils from root of Berberis integerrima Bunge. Journal of Applied Research on Medicinal and Aromatic Plants, 2018, 10, 1-8.	1.5	9
31	In Vitro Targeting of NL2 Peptide Bounded on Poly L-DOPA Coated Graphene Quantum Dot. Journal of Fluorescence, 2021, 31, 279-288.	2.5	9
32	Immobilized Peptide on the Surface of Poly l-DOPA/Silica for Targeted Delivery of 5-Fluorouracil to Breast Tumor. International Journal of Peptide Research and Therapeutics, 2020, 26, 259-269.	1.9	8
33	Removal of potentioally genotoxic impurity from fluroxamine maleate crude drug by molecularly imprinted polymer. Korean Journal of Chemical Engineering, 2014, 31, 1898-1902.	2.7	7
34	Synthesis and comparison of new layer-coated silica nanoparticles and bulky molecularly imprinted polymers for the solid-phase extraction of glycine. Analytical Methods, 2015, 7, 7488-7495.	2.7	7
35	A selective flotation-spectrophotometric method for the determination of nickel using dimethylglyoxime. Journal of the Brazilian Chemical Society, 2011, 22, 1056-1060.	0.6	6
36	Synthesis of a New Molecularly Imprinted Polymer for Sorption of the Silver Ions from Geological and Antiseptic Samples for Determination by Flame Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2014, 97, 1434-1438.	1.5	6

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37	Synthesis of Molecularly Imprinted Polymers Coated on Silica Nanoparticles for Removal of P-Nitrophenol from Crude Pharmaceuticals. Pharmaceutical Chemistry Journal, 2015, 49, 280-286.	0.8	6
38	Separation and Preconcentration of Ag(I) in Aqueous Samples by Flotation as an Ion-Associate Using Iodide and Ferroin Followed the Determination by Flame Atomic Absorption Spectrometry. Annali Di Chimica, 2007, 97, 17-23.	0.6	5
39	Estimation of Heat Capacity of 143 Pure Ionic Liquids Using Artificial Neural Network. International Journal of Thermophysics, 2022, 43, .	2.1	5
40	Solid Phase Extraction of Ultra Trace Copper Using Octadecyl Silica Bonded Phase Membrane Disks Modified by a New Symmetric Schiff Base Ionophore Prior to FAAS Determination. Current Analytical Chemistry, 2011, 7, 306-317.	1.2	4
41	Removal of cyanide and zincâ€“cyanide complex with malachite green functionalized amberlite XAD-4 resin from electroplating wastewater. Desalination and Water Treatment, 2015, 53, 2481-2488.	1.0	3
42	Preparation of molecularly imprinted polymers on the surface of optical fiber for HS-solid-phase microextraction of phenol. Separation Science and Technology, 2017, 52, 1826-1834.	2.5	3
43	Application of a Magnetic Molecularly Imprinted Polymer for the Removal of Sulfanilamide as Major Impurity in Eye Drops (Sulfacetamide). Pharmaceutical Chemistry Journal, 2020, 54, 977-983.	0.8	3
44	Solidâ€Phase Extraction and Spectrophotometric Determination of Mercury with 6â€Mercaptopurine in Environmental Samples. Annali Di Chimica, 2007, 97, 675-683.	0.6	2
45	SYNTHESIS AND GIAO NMR CALCULATIONS FOR TWO DIASTEREOISOMERS OF 2â€²-ACETYLOXY-2â€²-PHENYLSPIRO[INDENO[1,2-b]QUINOXALIN-11,1â€²-CYCLOPROPANE]. Journal of Theoretical and Computational Chemistry, 2012, 11, 1227-1236.	1.8	2
46	Disposition of lead (Pb) in blood of rats following oral exposure to lipstick. E3S Web of Conferences, 2013, 1, 12003.	0.5	2
47	The Relationship Between Chemical Composition of the Essential Oils ofPlatycladus orientalis(L.) Franco and Soils Contamination in National Oil Company of Shahrood, Iran. Journal of Essential Oil-bearing Plants: JEOP, 2017, 20, 1209-1225.	1.9	2
48	Sustained doxorubicin delivery system to breast tumor cancer cell based on a novel cationic molecularly imprinted polymer. International Journal of Polymeric Materials and Polymeric Biomaterials, 2023, 72, 335-344.	3.4	2
49	Sensitive mercury speciation by reversed-phase column high-performance liquid chromatography with UV-visible detection after solid-phase extraction using 6-mercaptopurine and dithizone. Journal of AOAC INTERNATIONAL, 2008, 91, 1453-8.	1.5	2
50	Removal of Cr6+ and Pb2+ from Aqueous Solutions by Natural Zeo-Bentonite. Asian Journal of Chemistry, 2013, 25, 9138-9140.	0.3	1
51	Synthesis of different types of salamthio molecularly imprinted polymers for separation and preconcentration of lead. Desalination and Water Treatment, 2016, 57, 25089-25096.	1.0	1
52	Preconcentration of some heavy metals by Amberlite XAD-4 functionalized with Phenanthroline and investigation of microwave radiation effect on kinetic of adsorption. Desalination and Water Treatment, 2016, 57, 1705-1712.	1.0	1
53	Evaluation of Extraction Method and Chemical Modifier on Chemical Composition of the Essential Oils from the Roots of Rosa canina L.. Journal of Essential Oil-bearing Plants: JEOP, 2019, 22, 131-140.	1.9	1
54	Targeted delivery of paclitaxel by NL2 peptideâ€functionalized on coreâ€shell LaVO4 : Eu3@ poly (levodopa) luminescent nanoparticles. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 1578-1587.	3.4	1

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55	Synthesis a new adsorbent of molecularly imprinted polymer for absorb the silver ions from biological sample. E3S Web of Conferences, 2013, 1, 39001.	0.5	0
56	Separation and Preconcentration of Trace Amounts of Nickel in Environmental and Biological Samples by Flotation Using Dimethyl glyoxime. Asian Journal of Chemistry, 2013, 25, 9149-9152.	0.3	0
57	The effect of hydroalcoholic extract of L. on spatial memory and neuronal density of hippocampal CA1 region in rats with sporadic Alzheimer's disease. Avicenna Journal of Phytomedicine, 2019, 9, 362-373.	0.2	0