

# Mazaher Ahmadi

## List of Publications by Year in descending order

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67  
papers

2,655  
citations

218381

26  
h-index

189595

50  
g-index

73  
all docs

73  
docs citations

73  
times ranked

3536  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wearable Potentiometric Sensor Based on $\text{Na}^{0.44}\text{MnO}_2$ for Non-invasive Monitoring of Sodium Ions in Sweat. <i>Analytical Chemistry</i> , 2022, 94, 2263-2270.	3.2	16
2	Separation miniaturized instruments. , 2022, , 41-62.		1
3	Miniaturization—An introduction to miniaturized analytical devices. , 2022, , 3-16.		1
4	Enhancing autophagy in Alzheimer's disease through drug repositioning. , 2022, 237, 108171.		35
5	Application of magnetic nanomaterials in electroanalytical methods: A review. <i>Talanta</i> , 2021, 225, 121974.	2.9	36
6	Application of magnetic nanomaterials in plasmonic sensors. , 2021, , 249-267.		2
7	Application of magnetic nanomaterials in magnetic field sensors. , 2021, , 327-345.		1
8	Statins in patients with COVID-19: a retrospective cohort study in Iranian COVID-19 patients. <i>Translational Medicine Communications</i> , 2021, 6, 3.	0.5	41
9	Self-assembled graphene-based microfibers with eclectic optical properties. <i>Scientific Reports</i> , 2021, 11, 5451.	1.6	0
10	Magnetic Nanomaterials in Microfluidic Sensors for Virus Detection: A Review. <i>ACS Applied Nano Materials</i> , 2021, 4, 4307-4328.	2.4	31
11	Emerging Advances of Nanotechnology in Drug and Vaccine Delivery against Viral Associated Respiratory Infectious Diseases (VARID). <i>International Journal of Molecular Sciences</i> , 2021, 22, 6937.	1.8	20
12	Autophagy, Unfolded Protein Response, and Neuropilin-1 Cross-Talk in SARS-CoV-2 Infection: What Can Be Learned from Other Coronaviruses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5992.	1.8	25
13	Magnetic nanomaterials in analytical chemistry. <i>Talanta</i> , 2021, 235, 122762.	2.9	1
14	Betulin and its derivatives as novel compounds with different pharmacological effects. <i>Biotechnology Advances</i> , 2020, 38, 107409.	6.0	158
15	Ultrasound-assisted dispersive liquid antisolvent precipitation for extraction of polar organic compounds in water. <i>Analytica Chimica Acta</i> , 2020, 1135, 91-98.	2.6	5
16	Pleiotropic effects of statins: A focus on cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165968.	1.8	89
17	Smart nanocarriers in glucose transporters-targeted delivery of anticancer drugs. , 2020, , 251-269.		1
18	Stimuli-sensitive drug delivery systems. , 2020, , 37-59.		7

#	ARTICLE	IF	CITATIONS
19	Iron oxide nanoparticles for delivery purposes. , 2020, , 373-393.		12
20	Smart nanogels in cancer therapy. , 2020, , 179-193.		4
21	Electrochemical synthesis of MOFs. , 2020, , 177-195.		5
22	Magnetic solid phase extraction of rizatriptan in human urine samples prior to its spectrofluorimetric determination. Sensors and Actuators B: Chemical, 2018, 254, 1225-1233.	4.0	25
23	Preparation and Characterization of Simvastatin Nanocapsules: Encapsulation of Hydrophobic Drugs in Calcium Alginate. Methods in Molecular Biology, 2018, 2125, 47-56.	0.4	9
24	Reduced graphene oxide as an efficient sorbent in microextraction by packed sorbent: Determination of local anesthetics in human plasma and saliva samples utilizing liquid chromatography-tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1095, 177-182.	1.2	14
25	Magnetic headspace adsorptive extraction of chlorobenzenes prior to thermal desorption gas chromatography-mass spectrometry. Analytica Chimica Acta, 2017, 971, 40-47.	2.6	21
26	Efficient removal of some anionic dyes from aqueous solution using a polymer-coated magnetic nano-adsorbent. Journal of Water Supply: Research and Technology - AQUA, 2017, 66, 239-248.	0.6	29
27	Nanomaterials as sorbents for sample preparation in bioanalysis: A review. Analytica Chimica Acta, 2017, 958, 1-21.	2.6	211
28	Total sulfur determination in liquid fuels by ICP-OES after oxidation-extraction desulfurization using magnetic graphene oxide. Fuel, 2017, 210, 507-513.	3.4	20
29	Determination of AZD6118 in dog plasma samples utilizing microextraction by packed sorbent and liquid chromatography-electrospray ionization tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1043, 20-24.	1.2	6
30	Determination of $\alpha$ -phenylglycine in the presence of its $\beta$ -enantiomer using a turn-on fluorescent nano-chemosensor. Talanta, 2017, 162, 547-551.	2.9	4
31	Microextraction by Packed Sorbent of B Vitamins from Energy Beverages Prior to Liquid Chromatography-Electrospray Ionization Tandem Mass Spectrometry Assay. Current Chromatography, 2017, 4, 43-50.	0.1	0
32	Efficient removal of Cu(II) and Pb(II) heavy metal ions from water samples using 2,4-dinitrophenylhydrazine loaded sodium dodecyl sulfate-coated magnetite nanoparticles. Journal of Water Supply: Research and Technology - AQUA, 2016, 65, 361-372.	0.6	21
33	Preconcentration and Spectrophotometric Determination of a Naphthalene Analog of Medetomidine Using Modified Maghemite Nanoparticles. Journal of Applied Spectroscopy, 2016, 83, 310-315.	0.3	0
34	Application of cysteamine functionalized CdS hollow nanospheres in determination of Cd(II) and Pb(II) in the presence of each other by resonance light scattering technique. Journal of Environmental Chemical Engineering, 2016, 4, 3484-3491.	3.3	7
35	Tailoring the Catalytic Properties of Metal Nanoparticles via Support Interactions. Journal of Physical Chemistry Letters, 2016, 7, 3519-3533.	2.1	212
36	$\text{Fe}_3\text{O}_4/\text{Pt}/\text{MWCNT}/\text{carbon}$ paste electrode for determination of a doxorubicin anticancer drug in a human urine sample. RSC Advances, 2016, 6, 72803-72809.	1.7	12

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37	Selective and Sensitive Electrochemical Determination of Trace Amounts of Mercury Ion in Some Real Samples Using an Ion Imprinted Polymer Nano-Modifier. <i>Journal of the Electrochemical Society</i> , 2016, 163, B68-B75.	1.3	24
38	Effect of morphine, oxycodone and thebaine on resonance light scattering properties of human serum albumin: Investigation possibility of morphine determination in the presence of the two other drugs. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 379-383.	4.0	18
39	Solid phase extraction of amoxicillin using dibenzo-18-crown-6 modified magnetic-multiwalled carbon nanotubes prior to its spectrophotometric determination. <i>Talanta</i> , 2016, 148, 122-128.	2.9	40
40	A sensitive electrochemical sensor for rapid and selective determination of venlafaxine in biological fluids using carbon paste electrode modified with molecularly imprinted polymer-coated magnetite nanoparticles. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 243-251.	1.2	26
41	Efficient solid phase extraction of codeine from human urine samples using a novel magnetic molecularly imprinted nanoadsorbent and its spectrofluorometric determination. <i>New Journal of Chemistry</i> , 2016, 40, 122-129.	1.4	27
42	Shape-Selection of Thermodynamically Stabilized Colloidal Pd and Pt Nanoparticles Controlled via Support Effects. <i>Journal of Physical Chemistry C</i> , 2015, 119, 29178-29185.	1.5	7
43	Construction a magneto carbon paste electrode using synthesized molecularly imprinted magnetic nanospheres for selective and sensitive determination of mefenamic acid in some real samples. <i>Biosensors and Bioelectronics</i> , 2015, 68, 712-718.	5.3	49
44	Chiral magnetic nanospheres resonance light scattering properties studies for selective determination of naproxen and phenylglycine enantiomers. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 439-445.	4.0	24
45	Selective extraction and sensitive determination of mercury (II) ions by flame atomic absorption spectrometry after preconcentration on an ion-imprinted polymer-coated maghemite nanoparticles. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1235-1243.	1.2	24
46	A new chiral electrochemical sensor for the enantioselective recognition of naproxen enantiomers using <math>L</math>-cysteine self-assembled over gold nanoparticles on a gold electrode. <i>RSC Advances</i> , 2015, 5, 58609-58615.	1.7	40
47	Solid phase extraction and spectrofluorometric determination of leached bisphenol A from some polycarbonate products under simulated use conditions using surface molecularly imprinted magnetite nanospheres. <i>Analytical Methods</i> , 2015, 7, 6299-6306.	1.3	14
48	Preconcentration and spectrofluorometric determination of L-tryptophan in the presence of d-tryptophan using a chiral magnetic nanoselector. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 681-687.	4.0	20
49	Enantioselective solid phase extraction prior to spectrofluorometric determination: a procedure for the determination of naproxen enantiomers in the presence of each other. <i>RSC Advances</i> , 2015, 5, 5450-5457.	1.7	12
50	New synthetic mercaptoethylamino homopolymer-modified maghemite nanoparticles for effective removal of some heavy metal ions from aqueous solution. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 1160-1166.	2.9	60
51	Spectrofluorometric determination of venlafaxine in biological samples after selective extraction on the superparamagnetic surface molecularly imprinted nanoparticles. <i>Analytical Methods</i> , 2015, 7, 428-435.	1.3	30
52	Solid phase extraction of doxorubicin using molecularly imprinted polymer coated magnetite nanospheres prior to its spectrofluorometric determination. <i>New Journal of Chemistry</i> , 2015, 39, 163-171.	1.4	47
53	Removal and preconcentration of lead(II), cadmium(II) and chromium(III) ions from wastewater samples using surface functionalized magnetite nanoparticles. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 489-498.	1.2	18
54	Synthesis of $\text{Fe}_2\text{O}_3/\text{TiO}_2$ nanocomposite and its application in removal of dyes from water samples by adsorption and degradation processes. <i>RSC Advances</i> , 2014, 4, 44841-44847.	1.7	32

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55	Molecularly imprinted polymer coated magnetite nanoparticles as an efficient mefenamic acid resonance light scattering nanosensor. <i>Analytica Chimica Acta</i> , 2014, 852, 250-256.	2.6	45
56	Adsorption of some cationic and anionic dyes on magnetite nanoparticles-modified activated carbon from aqueous solutions: equilibrium and kinetics study. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 481-489.	1.2	42
57	Kinetic and Thermodynamic Studies of the Adsorption of Several Anionic Dyes From Water Samples on Magnetite-Modified Multi-Walled Carbon Nanotubes. <i>Separation Science and Technology</i> , 2013, 48, 2638-2648.	1.3	12
58	Simple in situ functionalizing magnetite nanoparticles by reactive blue-19 and their application to the effective removal of Pb <sup>2+</sup> ions from water samples. <i>Chemosphere</i> , 2013, 90, 542-547.	4.2	49
59	Fabrication of a new electrochemical sensor based on a new nano-molecularly imprinted polymer for highly selective and sensitive determination of tramadol in human urine samples. <i>Biosensors and Bioelectronics</i> , 2013, 44, 34-40.	5.3	117
60	Superparamagnetic surface molecularly imprinted nanoparticles for sensitive solid-phase extraction of tramadol from urine samples. <i>Talanta</i> , 2013, 105, 255-261.	2.9	73
61	Selective solid-phase extraction of naproxen drug from human urine samples using molecularly imprinted polymer-coated magnetic multi-walled carbon nanotubes prior to its spectrofluorometric determination. <i>Analyst</i> , 2013, 138, 4542.	1.7	84
62	Preconcentration and spectrophotometric determination of oxymetholone in the presence of its main metabolite (mestanolone) using modified maghemite nanoparticles in urine sample. <i>Talanta</i> , 2013, 115, 468-473.	2.9	30
63	Application of Modified Silica Coated Magnetite Nanoparticles for Removal of Iodine from Water Samples. <i>Nano-Micro Letters</i> , 2012, 4, 57-63.	14.4	97
64	Adsorption and kinetic studies of seven different organic dyes onto magnetite nanoparticles loaded tea waste and removal of them from wastewater samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 99, 102-109.	2.0	158
65	Removal of some cationic dyes from aqueous solutions using magnetic-modified multi-walled carbon nanotubes. <i>Journal of Hazardous Materials</i> , 2011, 196, 109-114.	6.5	339
66	Use of Conductive Polymers in Separation/Identification Stage of Analysis. <i>ACS Symposium Series</i> , 0, , 141-163.	0.5	0
67	Use of Conductive Polymers in Detection Stage of Analysis/Miniaturization Devices. <i>ACS Symposium Series</i> , 0, , 165-184.	0.5	6