

# Mazaher Ahmadi

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	Tailoring the Catalytic Properties of Metal Nanoparticles via Support Interactions. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 3519-3533.	2.1	212
3	Nanomaterials as sorbents for sample preparation in bioanalysis: A review. <i>Analytica Chimica Acta</i> , 2017, 958, 1-21.	2.6	211
4	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
5	Betulin and its derivatives as novel compounds with different pharmacological effects. <i>Biotechnology Advances</i> , 2020, 38, 107409.	6.0	158
6	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
7	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
8	Pleiotropic effects of statins: A focus on cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165968.	1.8	89
9	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, The</i> , 2013, 138, 4542.	1.7	84
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	A new chiral electrochemical sensor for the enantioselective recognition of naproxen enantiomers using L-cysteine self-assembled over gold nanoparticles on a gold electrode. <i>RSC Advances</i> , 2015, 5, 58609-58615.	1.7	40

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19	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
20	Application of magnetic nanomaterials in electroanalytical methods: A review. <i>Talanta</i> , 2021, 225, 121974.	2.9	36
21	Enhancing autophagy in Alzheimer's disease through drug repositioning. , 2022, 237, 108171.		35
22	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
23	Magnetic Nanomaterials in Microfluidic Sensors for Virus Detection: A Review. <i>ACS Applied Nano Materials</i> , 2021, 4, 4307-4328.	2.4	31
24	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
25	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
26	Efficient removal of some anionic dyes from aqueous solution using a polymer-coated magnetic nano-adsorbent. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2017, 66, 239-248.	0.6	29
27	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
28	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
29	Magnetic solid phase extraction of rizatriptan in human urine samples prior to its spectrofluorimetric determination. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 1225-1233.	4.0	25
30	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
31	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
32	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
33	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
34	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. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2016, 65, 361-372.	0.6	21
35	Magnetic headspace adsorptive extraction of chlorobenzenes prior to thermal desorption gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2017, 971, 40-47.	2.6	21
36	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

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37	Total sulfur determination in liquid fuels by ICP-OES after oxidation-extraction desulfurization using magnetic graphene oxide. <i>Fuel</i> , 2017, 210, 507-513.	3.4	20
38	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
39	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
40	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
41	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
42	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
43	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1095, 177-182.	1.2	14
44	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
45	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
46	$\text{Fe}_3\text{O}_4/\text{Pt}/\text{MWCNT}/\text{carbon}$ paste electrode for determination of a doxorubicin anticancer drug in a human urine sample. <i>RSC Advances</i> , 2016, 6, 72803-72809.	1.7	12
47	Iron oxide nanoparticles for delivery purposes. , 2020, , 373-393.		12
48	Preparation and Characterization of Simvastatin Nanocapsules: Encapsulation of Hydrophobic Drugs in Calcium Alginate. <i>Methods in Molecular Biology</i> , 2018, 2125, 47-56.	0.4	9
49	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
50	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. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 3484-3491.	3.3	7
51	Stimuli-sensitive drug delivery systems. , 2020, , 37-59.		7
52	Determination of AZD6118 in dog plasma samples utilizing microextraction by packed sorbent and liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1043, 20-24.	1.2	6
53	Use of Conductive Polymers in Detection Stage of Analysis/Miniaturization Devices. <i>ACS Symposium Series</i> , 0, , 165-184.	0.5	6
54	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

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55	Electrochemical synthesis of MOFs. , 2020, , 177-195.		5
56	Determination of $\alpha$ -phenylglycine in the presence of its $\beta$ -enantiomer using a turn-on fluorescent nano-chemosensor. <i>Talanta</i> , 2017, 162, 547-551.	2.9	4
57	Smart nanogels in cancer therapy. , 2020, , 179-193.		4
58	Application of magnetic nanomaterials in plasmonic sensors. , 2021, , 249-267.		2
59	Smart nanocarriers in glucose transporters-targeted delivery of anticancer drugs. , 2020, , 251-269.		1
60	Application of magnetic nanomaterials in magnetic field sensors. , 2021, , 327-345.		1
61	Magnetic nanomaterials in analytical chemistry. <i>Talanta</i> , 2021, 235, 122762.	2.9	1
62	Separation miniaturized instruments. , 2022, , 41-62.		1
63	Miniaturization "An introduction to miniaturized analytical devices. , 2022, , 3-16.		1
64	Preconcentration and Spectrophotometric Determination of a Naphthalene Analog of Medetomidine Using Modified Maghemite Nanoparticles. <i>Journal of Applied Spectroscopy</i> , 2016, 83, 310-315.	0.3	0
65	Self-assembled graphene-based microfibers with eclectic optical properties. <i>Scientific Reports</i> , 2021, 11, 5451.	1.6	0
66	Microextraction by Packed Sorbent of B Vitamins from Energy Beverages Prior to Liquid Chromatography-Electrospray Ionization Tandem Mass Spectrometry Assay. <i>Current Chromatography</i> , 2017, 4, 43-50.	0.1	0
67	Use of Conductive Polymers in Separation/Identification Stage of Analysis. <i>ACS Symposium Series</i> , 0, , 141-163.	0.5	0