Mohammad Eftekhari

List of Publications by Year
in descending order

40	743	516710	580821
papers	citations	16	25
		h-index	g-index

40	40	40	501
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vortex-assisted ionic liquid microextraction coupled to flame atomic absorption spectrometry for determination of trace levels of cadmium in real samples. Journal of Advanced Research, 2013, 4, 35-41.	9.5	84
2	Solid-phase extraction of ultra-trace levels of lead using tannic acid-coated graphene oxide as an efficient adsorbent followed by electrothermal atomic absorption spectrometry; response surface methodology â€" central composite design. New Journal of Chemistry, 2018, 42, 1159-1168.	2.8	49
3	Photocatalytic mineralization of hard-degradable morphine by visible light-driven Ag@g-C3N4 nanostructures. Environmental Science and Pollution Research, 2019, 26, 30941-30953.	5.3	48
4	Cadmium and copper heavy metal treatment from water resources by high-performance folic acid-graphene oxide nanocomposite adsorbent and evaluation of adsorptive mechanism using computational intelligence, isotherm, kinetic, and thermodynamic analyses. Environmental Science and Pollution Research, 2020, 27, 43999-44021.	5.3	45
5	Preconcentration procedure using vortex agitator system for determination of trace levels of cadmium by flame atomic absorption spectrometry. Journal of the Brazilian Chemical Society, 2012, 23, 1630-1635.	0.6	26
6	Comparative Study on the Removal of Cationic Dyes Using Different Graphene Oxide Forms. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 1785-1797.	3.7	26
7	Polyaniline-coated reduced graphene oxide as an efficient adsorbent for the removal of malachite green from water samples. Polymer Bulletin, 2019, 76, 5269-5283.	3.3	26
8	2-Nitroso-1-naphthol as a selective reagent for preconcentration of cobalt by vortex assisted combined with solidification of organic droplet and its determination by flame atomic absorption spectrometry. Environmental Monitoring and Assessment, 2013, 185, 9067-9075.	2.7	25
9	A hybrid computational intelligence approach for bioremediation of amoxicillin based on fungus activities from soil resources and aflatoxin B1 controls. Journal of Environmental Management, 2021, 299, 113594.	7.8	25
10	Graphene oxideâ€"tannic acid nanocomposite as an efficient adsorbent for the removal of malachite green from water samples. Modeling Earth Systems and Environment, 2019, 5, 1627-1633.	3.4	24
11	Graphene oxide-cyanuric acid nanocomposite as a novel adsorbent for highly efficient solid phase extraction of Pb^{2+} followed by electrothermal atomic absorption spectrometry; statistical, soft computing and mechanistic efforts. International Journal of Environmental Analytical Chemistry, 2023, 103, 469-490.	3.3	24
12	A Sustainable Decision Support System for Drinking Water Systems: Resiliency Improvement against Cyanide Contamination. Infrastructures, 2022, 7, 88.	2.8	24
13	Speciation and determination of iron using dispersive liquidâ€"liquid microextraction based on solidification of organic drop followed by flame atomic absorption spectrometry. International Journal of Environmental Analytical Chemistry, 2014, 94, 348-355.	3.3	21
14	Vortex-assisted surfactant-enhanced emulsification microextraction based on solidification of floating organic drop followed by electrothermal atomic absorption spectrometry for speciation of antimony (Ⅲ, V). Environmental Monitoring and Assessment, 2015, 187, 4129.	2.7	21
15	Preconcentration of trace levels of cadmium (Ð†Ð†) ion using Descurainia Sophia seeds as a green adsorbent for solid phase extraction followed by its determination by flame atomic absorption spectrometry. Journal of Food Measurement and Characterization, 2018, 12, 1485-1492.	3.2	20
16	Ligandless dispersive solid phase extraction of cobalt ion using magnetic graphene oxide as an adsorbent followed by its determination with electrothermal atomic absorption spectrometry. International Journal of Environmental Analytical Chemistry, 2021, 101, 17-34.	3.3	20
17	Statistical optimization, soft computing prediction, mechanistic and empirical evaluation for fundamental appraisal of copper, lead and malachite green adsorption. Journal of Industrial Information Integration, 2021, 23, 100219.	6.4	18
18	Polyaniline-coated cerium oxide nanoparticles as an efficient adsorbent for preconcentration of ultra-trace levels of cadmium (Ð†Ð†) followed by electrothermal atomic absorption spectrometry. Spectroscopy Letters, 2018, 51, 287-296.	1.0	17

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19	Ultra-Trace Determination of Co (Ð†Ð†) in Real Samples Using Ion Pair-Based Dispersive Liquid-Liquid Microextraction Followed by Electrothermal Atomic Absorption Spectrometry. Food Analytical Methods, 2016, 9, 1985-1992.	2.6	16
20	Designing a smart risk analysis method for gas chlorination units of water treatment plants with combination of Failure Mode Effects Analysis, Shannon Entropy, and Petri Net Modeling. Ecotoxicology and Environmental Safety, 2019, 171, 600-608.	6.0	16
21	Synthesis and application of cerium oxide nanoparticles for preconcentration of trace levels of copper in water and foods followed by flame atomic absorption spectrometry. Journal of Food Measurement and Characterization, 2019, 13, 339-346.	3.2	16
22	Pectic acidâ€"graphene oxide nanocomposite as an adsorbent in vortex-assisted dispersive solid-phase extraction for preconcentration of copper ion followed by flame atomic absorption spectrometry. Polymer Bulletin, 2020, 77, 2821-2836.	3.3	14
23	Graphene oxide-sulfated lanthanum oxy-carbonate nanocomposite as an adsorbent for the removal of malachite green from water samples with application of statistical optimization and machine learning computations. Advanced Powder Technology, 2022, 33, 103577.	4.1	14
24	Ion pair based dispersive liquidâ€"liquid microextraction for the preconcentration of ultra-trace levels of bismuth(iii) and its determination by electrothermal atomic absorption spectroscopy. Analytical Methods, 2015, 7, 7653-7658.	2.7	13
25	Determination of total thallium in water and spinach samples by ligandless microextraction using ion pair-based dispersive liquidâ€"liquid microextraction followed by electrothermal atomic absorption spectrometry. Spectroscopy Letters, 2016, 49, 420-425.	1.0	13
26	Synthesis and application of polythiophene-coated Fe_3O_4 nanoparticles for preconcentration of ultra-trace levels of cadmium in different real samples followed by electrothermal atomic absorption spectrometry. International Journal of Environmental Analytical Chemistry, 2018, 98, 16-30.	3.3	13
27	Paired-ion-based liquid phase microextraction for speciation of iron (Fe^{2+}, Fe^{3+}) followed by flame atomic absorption spectrometry. Journal of Food Measurement and Characterization, 2018, 12, 573-580.	3.2	13
28	Synthesize of silver-nanoparticles by plant extract and its application for preconcentration of cadmium followed by flame atomic absorption spectrometry. Environmental Technology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	
29	Experimental investigation and mathematical modeling for microbial removal using potassium permanganate as an oxidantâ€"case study: water treatment plant No. 1, Mashhad, Iran. Environmental Monitoring and Assessment, 2019, 191, 141.	2.7	10
30	Graphene oxideâ€"tungsten oxide (GOâ€"WO3) adsorbent for the removal of copper ion. Nanotechnology for Environmental Engineering, 2023, 8, 75-86.	3.3	9
31	Synthesis of silver nanoparticles by pistachio skin extract and its application for solid phase extraction of Bi(III) followed by electrothermal atomic absorption spectrometry. Chemical Papers, 2019, 73, 2041-2051.	2.2	6
32	Efficient removal of Triton X-100 from water samples by graphene oxide-humic acid nanocomposite. International Journal of Environmental Analytical Chemistry, 2023, 103, 2879-2898.	3.3	6
33	Polythiophene-coated cerium oxide nanocomposite for efficient solid-phase extraction of trace levels of Zn^{2+} followed by flame atomic absorption spectrometry. Polymer Bulletin, 2020, 77, 323-337.	3.3	5
34	Dispersive solid phase extraction of Ni^{2+} using graphene oxide-polyethylenimine nanocomposite as an efficient adsorbent in different real samples; Response surface methodology based on central composite design optimisation. International Journal of Environmental Analytical Chemistry, 0, , 1-15.	3.3	5
35	TX-100 adsorption from aqueous solution using modified graphene oxide; optimization by response surface methodology and one factor at a time techniques. Journal of Dispersion Science and Technology, 2023, 44, 889-900.	2.4	4
36	Vortex assisted dispersive solid phase extraction of thallium followed by electrothermal atomic absorption spectrometry, Adsorption mechanism and soft computing algorithm prediction. International Journal of Environmental Analytical Chemistry, 0, , 1-21.	3.3	4

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37	Assessing the failures in water distribution networks using a combination of geographic information system, EPANET 2, and descriptive statistical analysis: a case study. Sustainable Water Resources Management, 2022, 8, 1.	2.1	4
38	Novel Graphene oxide-Polyethylene Glycol mono-4-nonylphenyl Ether adsorbent for solid phase extraction of Pb^{2+} in blood and water samples. Journal of Environmental Health Science & Engineering, 2022, 20, 675-689.	3.0	3
39	Synthesis of polyaniline-coated titanium oxide nanoparticles for preconcentration of cobalt (II) followed by electrothermal atomic absorption spectrometry. Journal of the Iranian Chemical Society, 2020, 17, 177-186.	2.2	2
40	A Carbon Ionic Liquid Paste Sensor Modified with Lanthanum Nanorods /MWCNTs/Nafion Hybrid Composite for Carbamazepine Screening in Biological and Pharmaceutical Media. ChemistrySelect, 2021, 6, 10355-10361.	1.5	1