

Mohammad Eftekhari

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

743
citations

516710

16
h-index

580821

25
g-index

40
all docs

40
docs citations

40
times ranked

501
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 469-490.	3.3	24
2	Efficient removal of Triton X-100 from water samples by graphene oxide-humic acid nanocomposite. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 2879-2898.	3.3	6
3	TX-100 adsorption from aqueous solution using modified graphene oxide; optimization by response surface methodology and one factor at a time techniques. <i>Journal of Dispersion Science and Technology</i> , 2023, 44, 889-900.	2.4	4
4	Graphene oxide-tungsten oxide (GO-WO ₃) adsorbent for the removal of copper ion. <i>Nanotechnology for Environmental Engineering</i> , 2023, 8, 75-86.	3.3	9
5	Assessing the failures in water distribution networks using a combination of geographic information system, EPANET 2, and descriptive statistical analysis: a case study. <i>Sustainable Water Resources Management</i> , 2022, 8, 1.	2.1	4
6	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. <i>Advanced Powder Technology</i> , 2022, 33, 103577.	4.1	14
7	Novel Graphene oxide-Polyethylene Glycol mono-4-nonylphenyl Ether adsorbent for solid phase extraction of Pb ²⁺ in blood and water samples. <i>Journal of Environmental Health Science & Engineering</i> , 2022, 20, 675-689.	3.0	3
8	A Sustainable Decision Support System for Drinking Water Systems: Resiliency Improvement against Cyanide Contamination. <i>Infrastructures</i> , 2022, 7, 88.	2.8	24
9	Ligandless dispersive solid phase extraction of cobalt ion using magnetic graphene oxide as an adsorbent followed by its determination with electrothermal atomic absorption spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 17-34.	3.3	20
10	Statistical optimization, soft computing prediction, mechanistic and empirical evaluation for fundamental appraisal of copper, lead and malachite green adsorption. <i>Journal of Industrial Information Integration</i> , 2021, 23, 100219.	6.4	18
11	A hybrid computational intelligence approach for bioremediation of amoxicillin based on fungus activities from soil resources and aflatoxin B1 controls. <i>Journal of Environmental Management</i> , 2021, 299, 113594.	7.8	25
12	A Carbon Ionic Liquid Paste Sensor Modified with Lanthanum Nanorods /MWCNTs/Nafion Hybrid Composite for Carbamazepine Screening in Biological and Pharmaceutical Media. <i>ChemistrySelect</i> , 2021, 6, 10355-10361.	1.5	1
13	Polythiophene-coated cerium oxide nanocomposite for efficient solid-phase extraction of trace levels of Zn ²⁺ followed by flame atomic absorption spectrometry. <i>Polymer Bulletin</i> , 2020, 77, 323-337.	3.3	5
14	Synthesis of polyaniline-coated titanium oxide nanoparticles for preconcentration of cobalt (II) followed by electrothermal atomic absorption spectrometry. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 177-186.	2.2	2
15	Pectic acid-graphene oxide nanocomposite as an adsorbent in vortex-assisted dispersive solid-phase extraction for preconcentration of copper ion followed by flame atomic absorption spectrometry. <i>Polymer Bulletin</i> , 2020, 77, 2821-2836.	3.3	14
16	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. <i>Environmental Science and Pollution Research</i> , 2020, 27, 43999-44021.	5.3	45
17	Photocatalytic mineralization of hard-degradable morphine by visible light-driven Ag@g-C ₃ N ₄ nanostructures. <i>Environmental Science and Pollution Research</i> , 2019, 26, 30941-30953.	5.3	48
18	Graphene oxide-tannic acid nanocomposite as an efficient adsorbent for the removal of malachite green from water samples. <i>Modeling Earth Systems and Environment</i> , 2019, 5, 1627-1633.	3.4	24

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19	Comparative Study on the Removal of Cationic Dyes Using Different Graphene Oxide Forms. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 1785-1797.	3.7	26
20	Synthesis of silver nanoparticles by pistachio skin extract and its application for solid phase extraction of Bi(III) followed by electrothermal atomic absorption spectrometry. <i>Chemical Papers</i> , 2019, 73, 2041-2051.	2.2	6
21	Experimental investigation and mathematical modeling for microbial removal using potassium permanganate as an oxidant—case study: water treatment plant No. 1, Mashhad, Iran. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 141.	2.7	10
22	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. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 600-608.	6.0	16
23	Polyaniline-coated reduced graphene oxide as an efficient adsorbent for the removal of malachite green from water samples. <i>Polymer Bulletin</i> , 2019, 76, 5269-5283.	3.3	26
24	Synthesis and application of cerium oxide nanoparticles for preconcentration of trace levels of copper in water and foods followed by flame atomic absorption spectrometry. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 339-346.	3.2	16
25	Synthesize of silver-nanoparticles by plant extract and its application for preconcentration of cadmium followed by flame atomic absorption spectrometry. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 1074-1084.	1.0	10
26	Preconcentration of trace levels of cadmium (Cd^{2+}) ion using <i>Descurainia Sophia</i> seeds as a green adsorbent for solid phase extraction followed by its determination by flame atomic absorption spectrometry. <i>Journal of Food Measurement and Characterization</i> , 2018, 12, 1485-1492.	3.2	20
27	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. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 16-30.	3.3	13
28	Paired-ion-based liquid phase microextraction for speciation of iron (Fe^{2+} , Fe^{3+}) followed by flame atomic absorption spectrometry. <i>Journal of Food Measurement and Characterization</i> , 2018, 12, 573-580.	3.2	13
29	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—central composite design. <i>New Journal of Chemistry</i> , 2018, 42, 1159-1168.	2.8	49
30	Polyaniline-coated cerium oxide nanoparticles as an efficient adsorbent for preconcentration of ultra-trace levels of cadmium (Cd^{2+}) followed by electrothermal atomic absorption spectrometry. <i>Spectroscopy Letters</i> , 2018, 51, 287-296.	1.0	17
31	Determination of total thallium in water and spinach samples by ligandless microextraction using ion pair-based dispersive liquid-liquid microextraction followed by electrothermal atomic absorption spectrometry. <i>Spectroscopy Letters</i> , 2016, 49, 420-425.	1.0	13
32	Ultra-Trace Determination of Co (Co^{2+}) in Real Samples Using Ion Pair-Based Dispersive Liquid-Liquid Microextraction Followed by Electrothermal Atomic Absorption Spectrometry. <i>Food Analytical Methods</i> , 2016, 9, 1985-1992.	2.6	16
33	Vortex-assisted surfactant-enhanced emulsification microextraction based on solidification of floating organic drop followed by electrothermal atomic absorption spectrometry for speciation of antimony (Sb^{III} , V). <i>Environmental Monitoring and Assessment</i> , 2015, 187, 4129.	2.7	21
34	Ion pair based dispersive liquid-liquid microextraction for the preconcentration of ultra-trace levels of bismuth(III) and its determination by electrothermal atomic absorption spectrometry. <i>Analytical Methods</i> , 2015, 7, 7653-7658.	2.7	13
35	Speciation and determination of iron using dispersive liquid-liquid microextraction based on solidification of organic drop followed by flame atomic absorption spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 348-355.	3.3	21
36	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. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 9067-9075.	2.7	25

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37	Vortex-assisted ionic liquid microextraction coupled to flame atomic absorption spectrometry for determination of trace levels of cadmium in real samples. <i>Journal of Advanced Research</i> , 2013, 4, 35-41.	9.5	84
38	Preconcentration procedure using vortex agitator system for determination of trace levels of cadmium by flame atomic absorption spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1630-1635.	0.6	26
39	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. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-15.	3.3	5
40	Vortex assisted dispersive solid phase extraction of thallium followed by electrothermal atomic absorption spectrometry, Adsorption mechanism and soft computing algorithm prediction. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-21.	3.3	4