

Afsaneh Mollahosseini

List of Publications by Year in descending order

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41
papers

910
citations

516215

16
h-index

476904

29
g-index

43
all docs

43
docs citations

43
times ranked

1000
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced adsorption of dyes on microwave-assisted synthesized magnetic zeolite-hydroxyapatite nanocomposite. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103338.	3.3	113
2	Optimization of solid-phase microextraction of volatile phenols in water by a polyaniline-coated Pt-fiber using experimental design. <i>Analytica Chimica Acta</i> , 2007, 581, 71-77.	2.6	80
3	Zeolite/Fe ₃ O ₄ as a new sorbent in magnetic solid-phase extraction followed by gas chromatography for determining phthalates in aqueous samples. <i>Journal of Separation Science</i> , 2015, 38, 3750-3757.	1.3	56
4	Highly efficient ultrasonic-assisted pre-concentration and simultaneous determination of trace amounts of Pb (II) and Cd (II) ions using modified magnetic natural clinoptilolite zeolite: Response surface methodology. <i>Microchemical Journal</i> , 2019, 146, 498-508.	2.3	56
5	Core-shell polypyrrole/Fe ₃ O ₄ nanocomposite as sorbent for magnetic dispersive solid-phase extraction of Al ³⁺ ions from solutions: investigation of the operational parameters. <i>Journal of Water Process Engineering</i> , 2019, 29, 100795.	2.6	52
6	Electrodeposition of a highly adherent and thermally stable polypyrrole coating on steel from aqueous polyphosphate solution. <i>Synthetic Metals</i> , 2009, 159, 1247-1254.	2.1	50
7	Polyphosphate-doped polypyrrole coated on steel fiber for the solid-phase microextraction of organochlorine pesticides in water. <i>Analytica Chimica Acta</i> , 2009, 638, 169-174.	2.6	44
8	Sequestration of a non-steroidal anti-inflammatory drug from aquatic media by lignocellulosic material (<i>Luffa cylindrica</i>) reinforced with polypyrrole: Study of parameters, kinetics, and equilibrium. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103734.	3.3	42
9	Enhanced electrokinetic remediation of mixed contaminants from a high buffering soil by focusing on mobility risk. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103470.	3.3	33
10	Haas in grilled meat: Determination using an advanced lab-on-a-chip flat electromembrane extraction coupled with on-line HPLC. <i>Food Chemistry</i> , 2020, 311, 125876.	4.2	33
11	Application of a novel electromembrane extraction and microextraction method followed by gas chromatography-mass spectrometry to determine biogenic amines in canned fish. <i>Analytical Methods</i> , 2019, 11, 1898-1907.	1.3	32
12	Mechanical stir bar sorptive extraction followed by gas chromatography as a new method for determining polycyclic aromatic hydrocarbons in water samples. <i>Microchemical Journal</i> , 2016, 126, 431-437.	2.3	28
13	Polypyrrole-polyaniline/Fe ₃ O ₄ magnetic nanocomposite for the removal of Pb(II) from aqueous solution. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 669-677.	1.2	28
14	Facile preparation of sisal-Fe/Zn layered double hydroxide bio-nanocomposites for the efficient removal of rifampin from aqueous solution: kinetic, equilibrium, and thermodynamic studies. <i>International Journal of Phytoremediation</i> , 2023, 25, 586-597.	1.7	24
15	Preparation and characterization of a novel nanocomposite coating based on sol-gel titania/hydroxyapatite for solid-phase microextraction. <i>Microchemical Journal</i> , 2019, 145, 942-950.	2.3	18
16	Vitamin D3: Preconcentration and Determination in Cereal Samples Using Ultrasonic-Assisted Extraction and Microextraction Method. <i>Cereal Chemistry</i> , 2017, 94, 532-538.	1.1	17
17	An improvement of electrospun membrane reusability via titanium dioxide nanoparticles and silane compounds for the electromembrane extraction. <i>Analytica Chimica Acta</i> , 2019, 1088, 168-177.	2.6	17
18	Flat membrane-based electromembrane extraction coupled with UV-visible spectrophotometry for the determination of diethylhexyl phthalate in water samples. <i>Microchemical Journal</i> , 2019, 151, 104191.	2.3	15

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19	Optimization of catalytic activity of sulfated titania for efficient synthesis of isoamyl acetate by response surface methodology. <i>Monatshefte für Chemie</i> , 2015, 146, 1949-1957.	0.9	14
20	Electrospun Magnetic Zeolite/Polyacrylonitrile Nanofibers for Extraction of PAHs from Waste Water: Optimized with Central Composite Design. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 1057-1066.	1.9	14
21	A Review on Pharmaceutical Removal from Aquatic Media by Adsorption: Understanding the Influential Parameters and Novel Adsorbents. <i>Nanotechnology in the Life Sciences</i> , 2020, , 207-265.	0.4	13
22	Ultrasonic-assisted batch operation for the adsorption of rifampin and reactive orange 5 onto engineered zeolite@polypyrrole/TiO ₂ nanocomposite. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 7547-7564.	1.8	13
23	Fast and sensitive low density solvent-based dispersive liquid-liquid microextraction method combined with high-performance liquid chromatography for determining cholecalciferol (vitamin D3) in milk and yogurt drink samples. <i>Analytical Methods</i> , 2018, 10, 975-982.	1.3	12
24	Design, Facile Synthesis and Characterization of Porphyrin-Zirconium-Ferrite@SiO ₂ Core-Shell and Catalytic Application in Cyclohexane Oxidation. <i>Silicon</i> , 2021, 13, 451-465.	1.8	11
25	Electrospun Polyacrylonitrile as a New Coating for Mechanical Stir Bar Sorptive Extraction of Polycyclic Aromatic Hydrocarbons from Water Samples. <i>Chromatographia</i> , 2020, 83, 549-558.	0.7	10
26	A 96-Monolithic inorganic hollow fiber array as a new geometry for high throughput solid-phase microextraction of doxorubicin in water and human urine samples coupled with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1627, 461413.	1.8	9
27	Activation of hexamethyldisilazane (HMDS) by TiO ₂ nanoparticles for protection of alcohols and phenols: the effect of the catalyst phase on catalytic activity. <i>Research on Chemical Intermediates</i> , 2018, 44, 2951-2963.	1.3	8
28	Electrospun polydimethylsiloxane/polyacrylonitrile/titanium dioxide nanofibers as a new coating for determination of alpha-linolenic acid in milk by direct immersion-solid phase nanoextraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1073, 43-50.	1.2	8
29	Anaerobic Biotechnology for the Treatment of Pharmaceutical Compounds and Hospital Wastewaters. <i>Environmental Chemistry for A Sustainable World</i> , 2020, , 61-84.	0.3	8
30	Synthesis of a novel magnetic zeolite@hydroxyapatite adsorbent via microwave-assisted method for protein adsorption via magnetic solid-phase extraction. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1635-1648.	1.2	7
31	Determination of polycyclic aromatic hydrocarbons in non-alcoholic beer by mechanical stir bar sorptive extraction-gas chromatography. <i>Journal of Food Science and Technology</i> , 2020, 57, 3792-3800.	1.4	7
32	Removal of Rifampin by Luffa: A Pharmaceutical Potential in Producing Dye in Water. <i>Sustainable Textiles</i> , 2021, , 209-229.	0.4	7
33	Electrospun Polyacrylonitrile/Clinoptilolite Coating for SPME of PAHs from Water Samples. <i>Journal of Chromatographic Science</i> , 2022, 60, 401-407.	0.7	5
34	Synthesis and characterization of Pd nanoparticles anchored on MIL 101(Cr) as a novel and recyclable catalyst for the Suzuki cross-coupling reactions. <i>Microporous and Mesoporous Materials</i> , 2022, 331, 111599.	2.2	4
35	Metformin@graphene oxide/alginate beads for the removal of toxic lead ions from aqueous media; kinetic and equilibrium studies. <i>Environmental Progress and Sustainable Energy</i> , 0, , .	1.3	4
36	Strategies for the sustainable practice of electrokinetic technology: The case of mixed contaminants in a clayey soil. <i>Cleaner Engineering and Technology</i> , 2021, 3, 100130.	2.1	3

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37	Central Composite Design for Dispersive Liquid-liquid Microextraction of 25-hydroxy-cholecalciferol in Human Serum. <i>Journal of Chromatographic Science</i> , 2019, 57, 575-581.	0.7	2
38	Application of reusable flat-membrane in electro-membrane extraction for tamsulosin hydrochloride determination in cleaning validation samples of sterile production line equipment by RP-HPLC. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 161, 105793.	1.9	2
39	Superior adsorption of environmental contaminants onto carbon nitride materials. , 2022, , 111-135.		2
40	Alginate caged graphene oxide -modified metformin beads for the removal of Arsenic (III) and (V) from aqueous media; kinetic and equilibrium, thermodynamic studies. <i>Separation Science and Technology</i> , 2022, 57, 2894-2907.	1.3	2
41	How does a predator find its prey? <i>Nesidiocoris tenuis</i> is able to detect <i>Tuta absoluta</i> by HIPVs. <i>Journal of Asia-Pacific Entomology</i> , 2020, 23, 1272-1278.	0.4	1