

Hamid Rashidi Nodeh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

1,531

citations

21

h-index

37

g-index

67

ext. papers

1,939

ext. citations

4.3

avg, IF

5.41

L-index

#	Paper	IF	Citations
63	Biodiesel production from waste cooking oil using a novel biocatalyst of lipase enzyme immobilized magnetic nanocomposite. <i>Fuel</i> , 2022 , 313, 123057	7.1	10
62	Biodiesel production from wild mustard (<i>Sinapis Arvensis</i>) seed oil using a novel heterogeneous catalyst of LaTiO ₃ nanoparticles. <i>Fuel</i> , 2022 , 307, 121759	7.1	11
61	Biodiesel production from waste cooking oil using heterogeneous nanocatalyst-based magnetic polyaniline decorated with cobalt oxide. <i>Fuel</i> , 2022 , 319, 123858	7.1	4
60	Magnetic sporopollenin supported polyaniline developed for removal of lead ions from wastewater: Kinetic, isotherm and thermodynamic studies.. <i>Chemosphere</i> , 2022 , 300, 134461	8.4	0
59	Synthesis of new Zn-decorated metal-organic frameworks for enhanced removal of carcinogenic textile dye: equilibrium and kinetic modeling studies. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2021 , 56, 1296-1305	2.3	1
58	Application of Modified Spent Mushroom Compost Biochar (SMCB/Fe) for Nitrate Removal from Aqueous Solution. <i>Toxics</i> , 2021 , 9,	4.7	2
57	Sonodecoration of magnetic phosphonated-functionalized sporopollenin as a novel green nanocomposite for stir bar sorptive dispersive microextraction of melamine in milk and milk-based food products. <i>Food Chemistry</i> , 2021 , 341, 128460	8.5	7
56	Magnetic Solid-Phase-Based Sorbents for Isolation/Preconcentration and Removal of Pesticides. <i>Environmental Chemistry for A Sustainable World</i> , 2021 , 313-345	0.8	
55	Lanthanum phosphate foam as novel heterogeneous nanocatalyst for biodiesel production from waste cooking oil. <i>Renewable Energy</i> , 2021 , 176, 228-236	8.1	9
54	Efficient removal of heavy metal ions from the water of oil-rich regions using layered metal-phosphate incorporated activated carbon nanocomposite. <i>Water and Environment Journal</i> , 2020 , 34, 893-905	1.7	1
53	Nano-Size Biomass Derived from Pomegranate Peel for Enhanced Removal of Cefixime Antibiotic from Aqueous Media: Kinetic, Equilibrium and Thermodynamic Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	8
52	Hyphenated dispersive solid- and liquid-phase microextraction technique based on a hydrophobic deep eutectic solvent: application for trace analysis of pesticides in fruit juices. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 2534-2543	4.3	19
51	Papain grafted into the silica coated iron-based magnetic nanoparticles 'IONPs@SiO-PPN' as a new delivery vehicle to the HeLa cells. <i>Nanotechnology</i> , 2020 , 31, 195603	3.4	7
50	Development of magnetic dispersive microsolid-phase extraction using lanthanum phosphate nanoparticles doped on magnetic graphene oxide as a highly selective adsorbent for pesticide residues analysis in water and fruit samples. <i>Research on Chemical Intermediates</i> , 2020 , 46, 2789-2803	2.8	10
49	New effective 3-aminopropyltrimethoxysilane functionalized magnetic sporopollenin-based silica coated graphene oxide adsorbent for removal of Pb(II) from aqueous environment. <i>Journal of Environmental Management</i> , 2020 , 253, 109658	7.9	33
48	New magnetic oil palm fiber activated carbon-reinforced polypyrrole solid phase extraction combined with gas chromatography-electron capture detection for determination of organochlorine pesticides in water samples. <i>Journal of Chromatography A</i> , 2020 , 1612, 460638	4.5	16
47	Determination of cholecalciferol (vitamin D) in bovine milk by dispersive micro-solid phase extraction based on the magnetic three-dimensional graphene-sporopollenin sorbent. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1136, 121907	3.2	13

46	Biodiesel production from waste cooking oil using a novel heterogeneous catalyst based on graphene oxide doped metal oxide nanoparticles. <i>Renewable Energy</i> , 2020 , 162, 2182-2189	8.1	34
45	Evolution of cross-linked polyethyleneimine/SABO□ STAB as an efficient sorbent for extraction of pesticides in fruit and vegetable juices. <i>Journal of the Iranian Chemical Society</i> , 2020 , 17, 3355-3365	2	0
44	Monitoring of priority pollutants chlorophenols in water and milk by headspace solid-phase microextraction based on electrospun polycaprolactam nanofibers decorated with cadmium oxide-carbon nanotubes. <i>Journal of Separation Science</i> , 2020 , 43, 4216-4224	3.4	6
43	Ultrasonication-facilitated synthesis of functionalized graphene oxide for ultrasound-assisted magnetic dispersive solid-phase extraction of amoxicillin, ampicillin, and penicillin G. <i>Mikrochimica Acta</i> , 2020 , 187, 634	5.8	7
42	Removal of phosphate and nitrate ions aqueous using strontium magnetic graphene oxide nanocomposite: Isotherms, kinetics, and thermodynamics studies. <i>Environmental Progress and Sustainable Energy</i> , 2020 , 39, e13332	2.5	20
41	Equilibrium, kinetic and thermodynamic study of pesticides removal from water using novel glucamine-calix[4]arene functionalized magnetic graphene oxide. <i>Environmental Sciences: Processes and Impacts</i> , 2019 , 21, 714-726	4.3	23
40	Highly sensitive and selective determination of malathion in vegetable extracts by an electrochemical sensor based on Cu-metal organic framework. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2019 , 54, 930-941	2.2	16
39	p-Sulphonatocalix[8]arene functionalized silica resin for the enhanced removal of methylene blue from wastewater: equilibrium and kinetic study. <i>Separation Science and Technology</i> , 2019 , 54, 2240-2251 ^{2.5}	2.5	7
38	Adsorption and in vitro release study of curcumin form polyethyleneglycol functionalized multi walled carbon nanotube: kinetic and isotherm study. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019 , 27, 9-20	3.9	6
37	A novel cyanopropylsilane-functionalized titanium oxide magnetic nanoparticle for the adsorption of nickel and lead ions from industrial wastewater: Equilibrium, kinetic and thermodynamic studies. <i>Microchemical Journal</i> , 2019 , 145, 914-920	4.8	32
36	New magnetic silica-based hybrid organic-inorganic nanocomposite for the removal of lead(II) and nickel(II) ions from aqueous solutions. <i>Materials Chemistry and Physics</i> , 2019 , 226, 73-81	4.4	36
35	A novel and reusable magnetic nanocatalyst developed based on graphene oxide incorporated strontium nanoparticles for the facial synthesis of β-amino ketones under solvent-free conditions. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4644	3.1	9
34	Fabrication of calixarene-grafted magnetic nanocomposite for the effective removal of lead(II) from aqueous solution. <i>Environmental Technology (United Kingdom)</i> , 2019 , 40, 2482-2493	2.6	9
33	Release and extraction of letrozole in blood plasma using resorcinol functionalized multi-walled carbon nanotube coupled with high-performance liquid chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018 , 41, 239-245	1.3	5
32	Equilibrium and kinetic study of novel methyltrimethoxysilane magnetic titanium dioxide nanocomposite for methylene blue adsorption from aqueous media. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4331	3.1	11
31	Enhanced removal of naproxen from wastewater using silica magnetic nanoparticles decorated onto graphene oxide; parametric and equilibrium study. <i>Separation Science and Technology</i> , 2018 , 53, 2476-2485	2.5	19
30	Efficient removal of arsenic(III) from aqueous media using magnetic polyaniline-doped strontium-titanium nanocomposite. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 16864-16874 ^{5.1}	5.1	16
29	Graphene-magnetite as adsorbent for magnetic solid phase extraction of 4-hydroxybenzoic acid and 3,4-dihydroxybenzoic acid in stingless bee honey. <i>Food Chemistry</i> , 2018 , 265, 165-172	8.5	41

28	Kinetic and equilibrium adsorption of lead from water using magnetic metformin-substituted SBA-15. <i>Environmental Science: Water Research and Technology</i> , 2018 , 4, 549-558	4.2	15
27	The effective removal of mercury ions (Hg ²⁺) from water using cadmium sulfide nanoparticles doped in polycaprolactam nanofibers: kinetic and equilibrium studies. <i>Journal of the Iranian Chemical Society</i> , 2018 , 15, 743-751	2	8
26	Equilibrium, Kinetic and Thermodynamic Study of Magnetic Polyaniline/Graphene Oxide Based Nanocomposites for Ciprofloxacin Removal from Water. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018 , 28, 1226-1234	3.2	31
25	Magnetic graphene sol-gel hybrid as clean-up adsorbent for acrylamide analysis in food samples prior to GC-MS. <i>Food Chemistry</i> , 2018 , 239, 208-216	8.5	21
24	Novel magnetic graphene oxide functionalized cyanopropyl nanocomposite as an adsorbent for the removal of Pb(II) ions from aqueous media: equilibrium and kinetic studies. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 27122-27132	5.1	21
23	Silica-based magnetic hybrid nanocomposite for the extraction and preconcentration of some organophosphorus pesticides before gas chromatography. <i>Journal of Separation Science</i> , 2018 , 41, 2934 ^{3,4}	3.4	11
22	Extraction and Determination of Three Steroid Molecules in Milk Using Functionalized Magnetic Carbon Nanotube-Based Solid Phase Extraction Coupled with HPLC. <i>Food Analytical Methods</i> , 2018 , 11, 3179-3189	3.4	13
21	Electroless-coated magnetic three-dimensional graphene with silver nanoparticles used for the determination of pesticides in fruit samples. <i>Journal of Separation Science</i> , 2018 , 41, 1567-1575	3.4	9
20	Bio-adsorbent derived from papaya peel waste and magnetic nanoparticles fabricated for lead determination. <i>Pure and Applied Chemistry</i> , 2018 , 90, 79-92	2.1	11
19	Determination of three tetracyclines in bovine milk using magnetic solid phase extraction in tandem with dispersive liquid-liquid microextraction coupled with HPLC. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1092, 480-488	3.2	38
18	Enhanced removal of phosphate and nitrate ions from aqueous media using nanosized lanthanum hydrous doped on magnetic graphene nanocomposite. <i>Journal of Environmental Management</i> , 2017 , 197, 265-274	7.9	110
17	Magnetic graphene coated inorganic-organic hybrid nanocomposite for enhanced preconcentration of selected pesticides in tomato and grape. <i>Journal of Chromatography A</i> , 2017 , 1509, 26-34	4.5	40
16	Novel Palm Fatty Acid Functionalized Magnetite Nanoparticles for Magnetic Solid-Phase Extraction of Trace Polycyclic Aromatic Hydrocarbons from Environmental Samples. <i>Journal of Oleo Science</i> , 2017 , 66, 771-784	1.6	10
15	Targeted delivery of bromelain using dual mode nanoparticles: synthesis, physicochemical characterization, in vitro and in vivo evaluation. <i>RSC Advances</i> , 2017 , 7, 40074-40094	3.7	12
14	Synthesis of piperazine functionalized magnetic sporopollenin: a new organic-inorganic hybrid material for the removal of lead(II) and arsenic(III) from aqueous solution. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 21846-21858	5.1	25
13	New magnetic graphene-based inorganic-organic sol-gel hybrid nanocomposite for simultaneous analysis of polar and non-polar organophosphorus pesticides from water samples using solid-phase extraction. <i>Chemosphere</i> , 2017 , 166, 21-30	8.4	83
12	Graphene-Based Materials as Solid Phase Extraction Sorbent for Trace Metal Ions, Organic Compounds, and Biological Sample Preparation. <i>Critical Reviews in Analytical Chemistry</i> , 2016 , 46, 267-83 ^{5,2}	5.2	87
11	Synthesis of magnetic graphene oxide doped with strontium titanium trioxide nanoparticles as a nanocomposite for the removal of antibiotics from aqueous media. <i>RSC Advances</i> , 2016 , 6, 89953-89965 ^{3,7}	3.7	51

10	Electrochemical determination of 2,4-dichlorophenol at Cyclodextrin functionalized ionic liquid modified chemical sensor: voltammetric and amperometric studies. <i>RSC Advances</i> , 2016 , 6, 100186-100194	3.7	13
9	Development of magnetic graphene oxide adsorbent for the removal and preconcentration of As(III) and As(V) species from environmental water samples. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 9759-73	5.1	126
8	Magnetic graphene-based cyanopropyltriethoxysilane as an adsorbent for simultaneous determination of polar and non-polar organophosphorus pesticides in cow milk. <i>RSC Advances</i> , 2016 , 6, 24853-24864	3.7	28
7	The removal of organophosphorus pesticides from water using a new amino-substituted calixarene-based magnetic sporopollenin. <i>New Journal of Chemistry</i> , 2016 , 40, 3130-3138	3.6	60
6	Synthesis of Polyaniline-Coated Graphene Oxide@SrTiO ₃ Nanocube Nanocomposites for Enhanced Removal of Carcinogenic Dyes from Aqueous Solution. <i>Polymers</i> , 2016 , 8,	4.5	70
5	Simultaneous preconcentration of polar and non-polar organophosphorus pesticides from water samples by using a new sorbent based on mesoporous silica. <i>Journal of Separation Science</i> , 2016 , 39, 1144-51	3.4	20
4	Magnetic solid phase extraction of polycyclic aromatic hydrocarbons and chlorophenols based on cyano-ionic liquid functionalized magnetic nanoparticles and their determination by HPLC-DAD. <i>RSC Advances</i> , 2016 , 6, 77047-77058	3.7	34
3	Magnetic solid-phase extraction based on modified ferum oxides for enrichment, preconcentration, and isolation of pesticides and selected pollutants. <i>Critical Reviews in Analytical Chemistry</i> , 2015 , 45, 270-87	5.2	87
2	Dispersive graphene-based silica coated magnetic nanoparticles as a new adsorbent for preconcentration of chlorinated pesticides from environmental water. <i>RSC Advances</i> , 2015 , 5, 76424-76434	3.7	46
1	Synthesis of Polyaniline coated Graphene Oxide @ SrTiO ₃ Nanocube Nanocomposites for Enhanced Removal of Carcinogenic Dyes from Aqueous Solution		3