

# Hamid Rashidi Nodeh

## List of Publications by Year in descending order

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66  
papers

2,396  
citations

172457

29  
h-index

214800

47  
g-index

67  
all docs

67  
docs citations

67  
times ranked

2488  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 9759-9773.	5.3	149
2	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.	7.8	135
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, 270-287.	3.5	106
4	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, 267-283.	3.5	105
5	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.	8.2	103
6	Synthesis of Polyaniline-Coated Graphene Oxide@SrTiO <sub>3</sub> Nanocube Nanocomposites for Enhanced Removal of Carcinogenic Dyes from Aqueous Solution. <i>Polymers</i> , 2016, 8, 305.	4.5	98
7	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.	8.9	93
8	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.	2.8	77
9	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.	3.6	67
10	Biodiesel production from waste cooking oil using a novel biocatalyst of lipase enzyme immobilized magnetic nanocomposite. <i>Fuel</i> , 2022, 313, 123057.	6.4	65
11	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.	2.3	60
12	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.	3.7	55
13	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.	8.2	54
14	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.	3.6	53
15	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.	3.7	49
16	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.	4.0	49
17	Biodiesel production from wild mustard ( <i>Sinapis Arvensis</i> ) seed oil using a novel heterogeneous catalyst of LaTiO <sub>3</sub> nanoparticles. <i>Fuel</i> , 2022, 307, 121759.	6.4	49
18	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.	4.5	48

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19	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.	7.8	43
20	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.	3.5	42
21	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.	3.6	41
22	Lanthanum phosphate foam as novel heterogeneous nanocatalyst for biodiesel production from waste cooking oil. <i>Renewable Energy</i> , 2021, 176, 228-236.	8.9	41
23	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.	5.3	39
24	Magnetic graphene-based cyanopropyltriethoxysilane as an adsorbent for simultaneous determination of polar and non-polar organophosphorus pesticides in cow's milk. <i>RSC Advances</i> , 2016, 6, 24853-24864.	3.6	35
25	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.	5.3	32
26	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.	5.3	32
27	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.	2.3	31
28	Determination of cholecalciferol (vitamin D3) 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.	2.3	31
29	Hyphenated dispersive solid-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.	3.5	31
30	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	30
31	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.	1.5	30
32	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.	3.7	28
33	Magnetic sporopollenin supported polyaniline developed for removal of lead ions from wastewater: Kinetic, isotherm and thermodynamic studies. <i>Chemosphere</i> , 2022, 300, 134461.	8.2	28
34	Titanium lanthanum three oxides decorated magnetic graphene oxide for adsorption of lead ions from aqueous media. <i>Environmental Research</i> , 2022, 214, 113831.	7.5	26
35	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.	2.4	25
36	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.	8.2	25

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37	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, 4223.	2.6	25
38	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.	5.0	24
39	Biodiesel production from waste cooking oil using heterogeneous nanocatalyst-based magnetic polyaniline decorated with cobalt oxide. <i>Fuel</i> , 2022, 319, 123858.	6.4	24
40	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, 1144-1151.	2.5	22
41	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.	2.6	21
42	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.	3.6	20
43	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.	3.5	20
44	Bio-adsorbent derived from papaya peel waste and magnetic nanoparticles fabricated for lead determination. <i>Pure and Applied Chemistry</i> , 2018, 90, 79-92.	1.9	17
45	An efficient 3D adsorbent foam based on graphene oxide/AgO nanoparticles for rapid vortex-assisted floating solid phase extraction of bisphenol A in canned food products. <i>Analytical Methods</i> , 2022, 14, 2623-2630.	2.7	16
46	Electrochemical determination of 2,4-dichlorophenol at $\beta$ -cyclodextrin functionalized ionic liquid modified chemical sensor: voltammetric and amperometric studies. <i>RSC Advances</i> , 2016, 6, 100186-100194.	3.6	15
47	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.	1.4	15
48	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.	8.2	15
49	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.	2.2	14
50	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, 2934-2941.	2.5	14
51	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.	2.2	14
52	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.	2.5	14
53	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.	2.5	13
54	Adsorption and in vitro release study of curcumin from polyethyleneglycol functionalized multi walled carbon nanotube: kinetic and isotherm study. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 9-20.	2.0	13

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55	A novel and reusable magnetic nanocatalyst developed based on graphene oxide incorporated strontium nanoparticles for the facial synthesis of $\beta$ -enamino ketones under solvent-free conditions. Applied Organometallic Chemistry, 2019, 33, e4644.	3.5	13
56	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. Research on Chemical Intermediates, 2020, 46, 2789-2803.	2.7	13
57	Papain grafted into the silica coated iron-based magnetic nanoparticles $\text{Fe}^{\text{III}}\text{ONPs}@SiO_2\text{-PPN}^{\text{TM}}$ as a new delivery vehicle to the HeLa cells. Nanotechnology, 2020, 31, 195603.	2.6	12
58	<i>p</i> -Sulphonatocalix[8]arene functionalized silica resin for the enhanced removal of methylene blue from wastewater: equilibrium and kinetic study. Separation Science and Technology, 2019, 54, 2240-2251.	2.5	10
59	Release and extraction of letrozole in blood plasma using resorcinol functionalized multi-walled carbon nanotube coupled with high-performance liquid chromatography. Journal of Liquid Chromatography and Related Technologies, 2018, 41, 239-245.	1.0	7
60	Dispersive clean-up process based on a magnetic graphene oxide nanocomposite for determination of 2-glycerol monopalmitate in olive oil prior to GC-FID and GC-MS analysis. Journal of the Science of Food and Agriculture, 2022, 102, 995-1001.	3.5	4
61	Application of Modified Spent Mushroom Compost Biochar (SMCB/Fe) for Nitrate Removal from Aqueous Solution. Toxics, 2021, 9, 277.	3.7	4
62	Evolution of cross-linked polyethyleneimine/SABO <sup>®</sup> STAB as an efficient sorbent for extraction of pesticides in fruit and vegetable juices. Journal of the Iranian Chemical Society, 2020, 17, 3355-3365.	2.2	3
63	Efficient removal of heavy metal ions from the water of oil-rich regions using layered metal-phosphate incorporated activated carbon nanocomposite. Water and Environment Journal, 2020, 34, 893-905.	2.2	2
64	Synthesis of new Zn-decorated metal-organic frameworks for enhanced removal of carcinogenic textile dye: equilibrium and kinetic modeling studies. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2021, 56, 1296-1305.	1.7	2
65	MAGNETIC GRAPHENE OXIDE AS ADSORBENT FOR THE REMOVAL OF LEAD(II) FROM WATER SAMPLES. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
66	Magnetic Solid-Phase-Based Sorbents for Isolation/Preconcentration and Removal of Pesticides. Environmental Chemistry for A Sustainable World, 2021, , 313-345.	0.5	0