

Kiomars Sharafi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6346595/publications.pdf>

Version: 2024-02-01

61
papers

2,493
citations

147566

31
h-index

205818

48
g-index

61
all docs

61
docs citations

61
times ranked

3257
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	13.7	161
2	A comparative study on capability of different tree species in accumulating heavy metals from soil and ambient air. <i>Chemosphere</i> , 2017, 172, 459-467.	4.2	110
3	Effective adsorptive removal of reactive dyes by magnetic chitosan nanoparticles: Kinetic, isothermal studies and response surface methodology. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 344-355.	3.6	109
4	The global distribution of lymphatic filariasis, 2000â€“18: a geospatial analysis. <i>The Lancet Global Health</i> , 2020, 8, e1186-e1194.	2.9	98
5	Speciation of As(III) and As(V) in water samples by graphite furnace atomic absorption spectrometry after solid phase extraction combined with dispersive liquidâ€“liquid microextraction based on the solidification of floating organic drop. <i>Talanta</i> , 2014, 130, 26-32.	2.9	90
6	A systematic literature review for some toxic metals in widely consumed rice types (domestic and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and Environmental Safety</i> , 2019, 176, 64-75.	2.9	89
7	Human health risk assessment for some toxic metals in widely consumed rice brands (domestic and) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	4.2	83
8	Magnetic adsorption separation process: an alternative method of mercury extracting from aqueous solution using modified chitosan coated Fe_3O_4 nanocomposites. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 188-200.	1.6	82
9	Human health risk assessment by Monte Carlo simulation method for heavy metals of commonly consumed cereals in Iran- Uncertainty and sensitivity analysis. <i>Journal of Food Composition and Analysis</i> , 2021, 96, 103697.	1.9	72
10	Essential and toxic heavy metals in cereals and agricultural products marketed in Kermanshah, Iran, and human health risk assessment. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2016, 9, 15-20.	1.3	70
11	Knowledge, attitude and practices of farmers about pesticide use, risks, and wastes; a cross-sectional study (Kermanshah, Iran). <i>Science of the Total Environment</i> , 2018, 645, 509-517.	3.9	70
12	A comparative study of anaerobic fixed film baffled reactor and up-flow anaerobic fixed film fixed bed reactor for biological removal of diethyl phthalate from wastewater: a performance, kinetic, biogas, and metabolic pathway study. <i>Biotechnology for Biofuels</i> , 2017, 10, 139.	6.2	66
13	Bioaccessibility analysis of toxic metals in consumed rice through an in vitro human digestion model â€“ Comparison of calculated human health risk from raw, cooked and digested rice. <i>Food Chemistry</i> , 2019, 299, 125126.	4.2	65
14	Response surface methodology (RSM) and its application for optimization of ammonium ions removal from aqueous solutions by pumice as a natural and low cost adsorbent. <i>Archives of Environmental Protection</i> , 2016, 42, 33-43.	1.1	64
15	Removal of phthalate esters (PAEs) by zeolite/ Fe_3O_4 : Investigation on the magnetic adsorption separation, catalytic degradation and toxicity bioassay. <i>Journal of Molecular Liquids</i> , 2017, 233, 378-390.	2.3	61
16	The reduction of toxic metals of various rice types by different preparation and cooking processes â€“ Human health risk assessment in Tehran households, Iran. <i>Food Chemistry</i> , 2019, 280, 294-302.	4.2	61
17	Performance, kinetic, and biodegradation pathway evaluation of anaerobic fixed film fixed bed reactor in removing phthalic acid esters from wastewater. <i>Scientific Reports</i> , 2017, 7, 41020.	1.6	58
18	Phenol adsorption on scoria stone as adsorbent - Application of response surface method and artificial neural networks. <i>Journal of Molecular Liquids</i> , 2019, 274, 699-714.	2.3	57

#	ARTICLE	IF	CITATIONS
19	MWCNT-Fe ₃ O ₄ as a superior adsorbent for microcystins LR removal: Investigation on the magnetic adsorption separation, artificial neural network modeling, and genetic algorithm optimization. <i>Journal of Molecular Liquids</i> , 2017, 241, 102-113.	2.3	55
20	A review and investigation of the effect of nanophotocatalytic ozonation process for phenolic compound removal from real effluent of pulp and paper industry. <i>Environmental Science and Pollution Research</i> , 2017, 24, 4105-4116.	2.7	55
21	Advantages and disadvantages of different pre-cooking and cooking methods in removal of essential and toxic metals from various rice types- human health risk assessment in Tehran households, Iran. <i>Ecotoxicology and Environmental Safety</i> , 2019, 175, 128-137.	2.9	52
22	The survey of Malathion removal using magnetic graphene oxide nanocomposite as a novel adsorbent: thermodynamics, isotherms, and kinetic study. <i>Desalination and Water Treatment</i> , 2016, 57, 28460-28473.	1.0	51
23	Evaluation of abamectin, diazinon and chlorpyrifos pesticide residues in apple product of Mahabad region gardens: Iran in 2014. <i>Food Chemistry</i> , 2017, 231, 148-155.	4.2	51
24	Simultaneous determination of imidacloprid and diazinon in apple and pear samples using sonication and dispersive liquid-liquid microextraction. <i>LWT - Food Science and Technology</i> , 2015, 60, 825-831.	2.5	45
25	Optimization of a methodology for simultaneous determination of twelve chlorophenols in environmental water samples using in situ derivatization and continuous sample drop flow microextraction combined with gas chromatography-electron-capture detection. <i>Analytical Methods</i> , 2017, 9, 2865-2872.	1.3	43
26	Trace analysis of some organophosphorus pesticides in rice samples using ultrasound-assisted dispersive liquid-liquid microextraction and high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2015, 38, 1010-1016.	1.3	42
27	Simultaneous preconcentration and determination of 2,4-D, alachlor and atrazine in aqueous samples using dispersive liquid-liquid microextraction followed by high-performance liquid chromatography ultraviolet detection. <i>Journal of Separation Science</i> , 2012, 35, 2718-2724.	1.3	41
28	Effect of modification by five different acids on pumice stone as natural and low-cost adsorbent for removal of humic acid from aqueous solutions -Application of response surface methodology. <i>Journal of Molecular Liquids</i> , 2019, 290, 111181.	2.3	40
29	The comparison of parasite eggs and protozoan cysts of urban raw wastewater and efficiency of various wastewater treatment systems to remove them. <i>Ecological Engineering</i> , 2012, 44, 244-248.	1.6	38
30	Modified natural zeolite using ammonium quaternary based material for Acid red 18 removal from aqueous solution. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 3151-3160.	3.3	38
31	Adsorption of 4-Nitrophenol on calcium alginate-multiwall carbon nanotube beads: Modeling, kinetics, equilibriums and reusability studies. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 66-76.	3.6	37
32	Process modeling and optimization of biological removal of carbon, nitrogen and phosphorus from hospital wastewater in a continuous feeding & intermittent discharge (CFID) bioreactor. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 1340-1353.	1.2	36
33	ADSORPTIVE REMOVAL OF METHYLENE BLUE FROM AQUEOUS SOLUTIONS BY PUMICE POWDER: PROCESS MODELLING AND KINETIC EVALUATION. <i>Environmental Engineering and Management Journal</i> , 2015, 14, 1067-1078.	0.2	31
34	Adsorptive removal of phenol from aqueous solutions by copper (Cu)-modified scoria powder: process modeling and kinetic evaluation. <i>Desalination and Water Treatment</i> , 2016, 57, 11820-11834.	1.0	30
35	Persistent sample circulation microextraction combined with graphite furnace atomic absorption spectroscopy for trace determination of heavy metals in fish species marketed in Kermanshah, Iran, and human health risk assessment. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 2915-2924.	1.7	30
36	Accumulation and human health risk assessment of nitrate in vegetables irrigated with different irrigation water sources- transfer evaluation of nitrate from soil to vegetables. <i>Environmental Research</i> , 2022, 205, 112527.	3.7	29

#	ARTICLE	IF	CITATIONS
37	The association between air pollution and weather conditions with increase in the number of admissions of asthmatic patients in emergency wards: a case study in Kermanshah. <i>Medical Journal of the Islamic Republic of Iran</i> , 2015, 29, 229.	0.9	25
38	Which is better for optimizing the biosorption process of lead – central composite design or the Taguchi technique?. <i>Water Science and Technology</i> , 2016, 74, 1446-1456.	1.2	23
39	Domestic scale vermicomposting for solid waste management. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2013, 2, 4.	2.0	20
40	A worldwide systematic literature review for aflatoxin M1 in infant formula milk: Human health risk assessment by Monte Carlo simulation. <i>Food Control</i> , 2022, 134, 108681.	2.8	19
41	Qualitative and quantitative analysis of municipal solid waste in Iran for implementation of best waste management practice: a systematic review and meta-analysis. <i>Environmental Science and Pollution Research</i> , 2020, 27, 37514-37526.	2.7	17
42	The mobility of arsenic from highly polluted farmlands to wheat: Soil-Plant transfer model and health risk assessment. <i>Land Degradation and Development</i> , 2020, 31, 1560-1572.	1.8	17
43	Wastewater surveillance for SARS-CoV-2 in a small coastal community: Effects of tourism on viral presence and variant identification among low prevalence populations. <i>Environmental Research</i> , 2022, 208, 112496.	3.7	16
44	Human health risk assessment of aflatoxin M1 in raw and pasteurized milk from the Kermanshah province, Iran. <i>Journal of Food Composition and Analysis</i> , 2022, 110, 104568.	1.9	14
45	A survey on the ratio of effluent algal BOD concentration in primary and secondary facultative ponds to influent raw BOD concentration. <i>Desalination and Water Treatment</i> , 2015, 53, 3475-3481.	1.0	13
46	Fluoride and nitrate adsorption from water by Fe(III)-doped scoria: optimizing using response surface modeling, kinetic and equilibrium study. <i>Water Science and Technology: Water Supply</i> , 2018, 18, 1117-1132.	1.0	13
47	Human health and ecological risk assessment of heavy metal(loid)s in agricultural soils of rural areas: A case study in Kurdistan Province, Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 469-481.	1.4	13
48	Determination of cadmium in cosmetics from Kermanshah, Iran by graphite furnace atomic absorption spectrometry. <i>New Journal of Chemistry</i> , 2017, 41, 11948-11954.	1.4	11
49	Optimization of a methodology for the simultaneous determination of deltamethrin, permethrin and malathion in stored wheat samples using dispersive liquid-liquid microextraction with solidification of floating organic drop and HPLC-UV. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2017, 52, 641-650.	0.7	10
50	Assessment of potentially toxic elements in vegetables and soil samples irrigated with treated sewage and human health risk assessment. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 2351-2367.	1.8	10
51	Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008824.	1.3	10
52	Sensitive determination of psychotropic drugs in urine samples using continuous liquid-phase microextraction with an extraction solvent lighter than water. <i>New Journal of Chemistry</i> , 2018, 42, 4450-4456.	1.4	9
53	Determination of Diazinon, Phosalone and Endosulfan in Raw Milk using Continuous Sample Drop Flow Microextraction Followed by High Performance Liquid Chromatography-Ultraviolet Detection. <i>Journal of Analytical Chemistry</i> , 2019, 74, 114-120.	0.4	9
54	Novel hydrophobic deep eutectic solvent for vortex-assisted liquid phase microextraction of common acaricides in fruit juice followed by HPLC-UV determination. <i>RSC Advances</i> , 2021, 11, 30102-30108.	1.7	9

#	ARTICLE	IF	CITATIONS
55	Density assessment and mapping of microorganisms around a biocomposting plant in Sanandaj, Iran. Environmental Monitoring and Assessment, 2017, 189, 233.	1.3	6
56	The Influence of Internal Wall and Floor Covering Materials and Ventilation Type on Indoor Radon and Thoron Levels in Hospitals of Kermanshah, Iran. Iranian Red Crescent Medical Journal, 2016, 18, e25292.	0.5	6
57	Wastewater disinfection using sodium dichloroisocyanate (NaDCC) and sodium hypochlorite (NaOCL): Modeling, optimization and comparative analysis. , 0, 66, 221-228.		5
58	Quantitative microbial risk assessment of Giardia cyst and Ascaris egg in effluent of wastewater treatment plants used for agriculture irrigation - a case study. , 0, 80, 142-148.		4
59	Determining Parasite Presence in Raw Municipal Wastewater by Bailenger Method in Kermanshah, Iran. Water Quality, Exposure, and Health, 2015, 7, 525-530.	1.5	2
60	Assessment of Triazine Herbicides Residual in Fruit and Vegetables Using Ultrasound Assisted Extraction-Dispersive Liquid-Liquid Microextraction with Solidification of Floating Organic Drop. Journal of the Brazilian Chemical Society, 2016, , .	0.6	1
61	Ultra-preconcentration of common herbicides in aqueous samples using solid phase extraction combined with dispersive liquid-liquid microextraction followed by HPLC-UV. Toxin Reviews, 2021, 40, 1253-1260.	1.5	1