

Meghdad Pirsaeheb

List of Publications by Year in descending order

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104
papers

3,259
citations

101384

36
h-index

174990

52
g-index

105
all docs

105
docs citations

105
times ranked

4248
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of microplastic pollution in commercial fish for human consumption. <i>Reviews on Environmental Health</i> , 2023, 38, 97-109.	1.1	16
2	A systematic review on photo-Fenton process as an efficient advanced oxidation for degradation of amoxicillin in aqueous environments. <i>Reviews on Environmental Health</i> , 2023, 38, 313-326.	1.1	4
3	Site selection and environmental risks assessment of medical solid waste landfill for the City of Kermanshah-Iran. <i>International Journal of Environmental Health Research</i> , 2022, 32, 155-167.	1.3	11
4	Polycyclic Aromatic Hydrocarbons (PAHs) Formation in Grilled Meat products—Analysis and Modeling with Artificial Neural Networks. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 156-172.	1.4	7
5	Multivariate statistical evaluation of heavy metals in the urine of opium individuals in comparison with healthy people in Western Iran. <i>Environmental Science and Pollution Research</i> , 2022, 29, 8232-8241.	2.7	5
6	Blood lead concentrations in children with iron deficiency anemia: a systematic review and meta-analysis. <i>Environmental Science and Pollution Research</i> , 2022, 29, 3199-3212.	2.7	6
7	Fate and inhibition of Bis (2-Ethylhexyl) phthalate in biophysical reactors for treating real landfill leachate. <i>Chemical Engineering Research and Design</i> , 2022, 160, 450-464.	2.7	6
8	Evaluation of conventional wastewater treatment plants efficiency to remove microplastics in terms of abundance, size, shape, and type: A systematic review and Meta-analysis. <i>Marine Pollution Bulletin</i> , 2022, 177, 113462.	2.3	30
9	Advanced oxidation processes for the removal of phthalate esters (PAEs) in aqueous matrices: a review. <i>Reviews on Environmental Health</i> , 2022, .	1.1	3
10	Occurrence of microplastic particles in the most popular Iranian bottled mineral water brands and an assessment of human exposure. <i>Journal of Water Process Engineering</i> , 2021, 39, 101708.	2.6	71
11	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
12	Operational parameters influenced on biogas production in zeolite/anaerobic baffled reactor for compost leachate treatment. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 1743-1751.	1.4	2
13	Kinetic study of real landfill leachate treated by non-thermal plasma (NTP) and granular sequential batch reactors (GSBR). <i>Journal of Water Process Engineering</i> , 2021, 43, 102245.	2.6	10
14	Occurrence and exposure analysis of microplastic in the gut and muscle tissue of riverine fish in Kermanshah province of Iran. <i>Marine Pollution Bulletin</i> , 2021, 173, 112915.	2.3	21
15	Occurrence and characterization of microplastic content in the digestive system of riverine fishes. <i>Journal of Environmental Management</i> , 2021, 299, 113620.	3.8	15
16	Blood lead concentration among oral/inhaled opium users: systematic review and meta-analysis. <i>Critical Reviews in Toxicology</i> , 2021, 51, 24-35.	1.9	8
17	A systematic review of the sonophotocatalytic process for the decolorization of dyes in aqueous solution: Synergistic mechanisms, degradation pathways, and process optimization. <i>Journal of Water Process Engineering</i> , 2021, 44, 102314.	2.6	26
18	Evaluation of polycyclic aromatic hydrocarbons (PAHs) in fish: a review and meta-analysis. <i>Toxin Reviews</i> , 2020, 39, 205-213.	1.5	18

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19	Fabrication of novel 2D Ag-TiO ₂ /β-Al ₂ O ₃ /Chitosan nano-composite photocatalyst toward enhanced photocatalytic reduction of nitrate. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 926-935.	3.6	59
20	Ultrasonic Enhanced Zero-Valent Iron-Based Fenton Reaction for Ciprofloxacin Removal under Aerobic Condition. <i>Environmental Processes</i> , 2020, 7, 227-241.	1.7	7
21	Fabrication of durable superhydrophobic nanofibrous filters for oil-water separation using three novel modified nanoparticles (ZnO@NSPO, Al ₂ O ₃ @NSPO, and TiO ₂ @NSPO). <i>Polymers for Advanced Technologies</i> , 2020, 31, 941-956.	1.6	6
22	The hybrid system successfully to consisting of activated sludge and biofilter process from hospital wastewater: Ecotoxicological study. <i>Journal of Environmental Management</i> , 2020, 276, 111098.	3.8	16
23	Fenton-like removal of tetracycline from aqueous solution using iron-containing carbon dot nanocatalysts. <i>New Journal of Chemistry</i> , 2020, 44, 17735-17743.	1.4	12
24	Pesticide decontamination using UV/ferrous-activated persulfate with the aid neuro-fuzzy modeling: A case study of Malathion. <i>Food Research International</i> , 2020, 137, 109557.	2.9	64
25	Zeolite-intermittent cycle moving bed air-lift bioreactor (Zeo-ICMBABR) for composting leachate treatment; simultaneous COD, nitrogen and phosphorous compounds removal. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 933-945.	1.4	3
26	Synthesized Cr/TiO ₂ immobilized on pumice powder for photochemical degradation of acid orange-7 dye under UV/visible light: influential operating factors, optimization, and modeling. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 1329-1341.	1.4	4
27	Review of microplastic occurrence and toxicological effects in marine environment: Experimental evidence of inflammation. <i>Chemical Engineering Research and Design</i> , 2020, 142, 1-14.	2.7	152
28	Coupling effect of ozone/ultrasound with coagulation for improving NOM and turbidity removal from surface water. <i>Journal of Water Process Engineering</i> , 2020, 37, 101340.	2.6	19
29	Optimization of photocatalytic degradation of methyl orange using immobilized scoria-Ni/TiO ₂ nanoparticles. <i>Journal of Nanostructure in Chemistry</i> , 2020, 10, 143-159.	5.3	41
30	Evaluation of a zeolite/anaerobic baffled reactor hybrid system for treatment of low bio-degradable effluents. <i>Materials Science and Engineering C</i> , 2019, 104, 109943.	3.8	11
31	Bioaccessibility analysis of toxic metals in consumed rice through an in vitro human digestion model – Comparison of calculated human health risk from raw, cooked and digested rice. <i>Food Chemistry</i> , 2019, 299, 125126.	4.2	65
32	Measurement of permethrin, deltamethrin and malathion pesticide residues in the wheat flour and breads and probabilistic health risk assessment: a case study in Kermanshah, Iran. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 1353-1364.	1.8	23
33	An experimental study on the influence of zeolite on changes of pH and alkalinity in anaerobic treatment of compost leachate. <i>Environmental Quality Management</i> , 2019, 29, 139-146.	1.0	2
34	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	18.7	161
35	Biomonitorization of metal ions in the serum of Iranian patients treated with fixed orthodontic appliances in comparison with controls in eastern Iran. <i>Environmental Science and Pollution Research</i> , 2019, 26, 33373-33386.	2.7	5
36	Simultaneously implement of both weak magnetic field and aeration for ciprofloxacin removal by Fenton-like reaction. <i>Journal of Environmental Management</i> , 2019, 246, 776-784.	3.8	14

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37	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
38	A systematic literature review for some toxic metals in widely consumed rice types (domestic and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and <i>Environmental Safety</i> , 2019, 176, 64-75.	2.9	89
39	Functionalized fluorescent carbon nanostructures for targeted imaging of cancer cells:Âa review. <i>Mikrochimica Acta</i> , 2019, 186, 231.	2.5	81
40	Determination of Diazinon, Phosalone and Endosulfan in Raw Milk using Continuous Sample Drop Flow Microextraction Followed by High Performance Liquid Chromatographyâ€Ultraviolet Detection. <i>Journal of Analytical Chemistry</i> , 2019, 74, 114-120.	0.4	9
41	Chitosan modified N, S-doped TiO2 and N, S-doped ZnO for visible light photocatalytic degradation of tetracycline. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 360-373.	3.6	111
42	preconcentration and determination of amoxicillin and ceftriaxone in hospital sewage using vortex-assisted liquid-»¿phase microextraction based on the solidification of the deep eutectic solvent followed by HPLCâ€UUV. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 112-123.	1.8	20
43	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
44	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
45	Human health risk assessment for some toxic metals in widely consumed rice brands (domestic and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 83	4.2	83
46	Toxicological effects of transition metal-doped titanium dioxide nanoparticles on goldfish (<i>Carassius</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 42 28	4.2	28
47	Application of carbon dots as efficient catalyst for the green oxidation of phenol: Kinetic study of the degradation and optimization using response surface methodology. <i>Journal of Hazardous Materials</i> , 2018, 353, 444-453.	6.5	45
48	Data for distribution of various species of fecal coliforms in urban, rural and private drinking water sources in ten years period â€“ A case study: Kermanshah, Iran. <i>Data in Brief</i> , 2018, 18, 1544-1550.	0.5	9
49	Development of a liquid-phase microextraction based on the freezing of a deep eutectic solvent followed by HPLC-UV for sensitive determination of common pesticides in environmental water samples. <i>RSC Advances</i> , 2018, 8, 11412-11418.	1.7	69
50	Simultaneous determination of deltamethrin, permethrin and malathion in stored wheat samples using continuous sample drop flow microextraction followed by HPLCâ€UUV. <i>Journal of Food Measurement and Characterization</i> , 2018, 12, 118-127.	1.6	15
51	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
52	Simultaneous wastewater treatment and biogas production using integrated anaerobic baffled reactor granular activated carbon from bakerâ€™s yeast wastewater. <i>Environmental Technology (United)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 10	1.0	10
53	Data on performance of air stripping tower- PAC integrated system for removing of odor, taste, dye and organic materials from drinking water-A case study in Saqqez, Iran. <i>Data in Brief</i> , 2018, 18, 1292-1297.	0.5	1
54	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

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55	Data on the effect of geological and meteorological parameters on indoor radon and thoron level-case study: Kermanshah, Iran. <i>Data in Brief</i> , 2018, 18, 1945-1951.	0.5	6
56	Continuous sample drop flow-microextraction followed by high performance liquid chromatography for determination of triazine herbicides from fruit juices. <i>Analytical Methods</i> , 2017, 9, 980-985.	1.3	18
57	Photocatalytic degradation of Aniline from aqueous solutions under sunlight illumination using immobilized Cr:ZnO nanoparticles. <i>Scientific Reports</i> , 2017, 7, 1473.	1.6	68
58	Application of high rate integrated anaerobic-aerobic/biogrannular activated carbon sequencing batch reactor (IAA-BioGACsBR) for treating strong municipal landfill leachate. <i>Scientific Reports</i> , 2017, 7, 3109.	1.6	14
59	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
60	Optimization of a new methodology for trace determination of elements in biological fluids: Application for speciation of inorganic selenium in children's blood. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 155-161.	1.4	12
61	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
62	Dataset on the cost estimation for spent filter backwash water (SFBW) treatment. <i>Data in Brief</i> , 2017, 15, 1043-1047.	0.5	6
63	A review of available techniques for determination of nano-antimicrobials activity. <i>Toxin Reviews</i> , 2017, 36, 18-32.	1.5	23
64	Assessment of Thermal Comfort in Hospital Wards of Kermanshah, Iran, based on the Standards. <i>Indian Journal of Public Health Research and Development</i> , 2017, 8, 357.	0.1	2
65	Studying the Frequency of Needle Stick Injuries Suffered While Providing Medical Services in a Hospital in Kermanshah, Iran. <i>Indian Journal of Public Health Research and Development</i> , 2017, 8, 363.	0.1	0
66	Assessment of Triazine Herbicides Residual in Fruit and Vegetables Using Ultrasound Assisted Extraction-Dispersive Liquid-Liquid Microextraction with Solidification of Floating Organic Drop. <i>Journal of the Brazilian Chemical Society</i> , 2016, . .	0.6	1
67	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
68	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
69	Batch and column studies for the adsorption of chromium(VI) on low-cost Hibiscus Cannabinus kenaf, a green adsorbent. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 68, 80-89.	2.7	91
70	Combination of counter current salting-out homogenous liquid-liquid extraction and dispersive liquid-liquid microextraction as a novel microextraction of drugs in urine samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1012-1013, 162-168.	1.2	47
71	Optimization of reactive black 5 degradation using hydrothermally synthesized NiO/TiO ₂ nanocomposite under natural sunlight irradiation. <i>Desalination and Water Treatment</i> , 2016, 57, 25256-25266.	1.0	21
72	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

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73	Application of the central composite design for the treatment of soft drink factory wastewater in two-stage aerobic sequencing batch reactors combined with ozonation. <i>Desalination and Water Treatment</i> , 2016, 57, 19077-19086.	1.0	6
74	Determination of Bisphenol A in Food and Environmental Samples Using Combined Solid-Phase Extraction–Dispersive Liquid–Liquid Microextraction with Solidification of Floating Organic Drop Followed by HPLC. <i>Food Analytical Methods</i> , 2016, 9, 1814-1824.	1.3	54
75	Fluctuation of organic substances, solids, protozoan cysts, and parasite egg at different units of a wastewater integrated stabilization pond (full scale treatment plant): a case study, Iran. <i>Desalination and Water Treatment</i> , 2016, 57, 4913-4919.	1.0	12
76	Evaluating the efficiency of electrochemical process in removing COD and NH ₄ -N from landfill leachate. <i>Desalination and Water Treatment</i> , 2016, 57, 6644-6651.	1.0	24
77	Preparation of multi-walled carbon nanotube-doped TiO ₂ composite and its application in petroleum refinery wastewater treatment. <i>Desalination and Water Treatment</i> , 2016, 57, 14443-14452.	1.0	16
78	Solar degradation of malachite green using nickel-doped TiO ₂ nanocatalysts. <i>Desalination and Water Treatment</i> , 2016, 57, 9881-9888.	1.0	28
79	The Influence of Internal Wall and Floor Covering Materials and Ventilation Type on Indoor Radon and Thoron Levels in Hospitals of Kermanshah, Iran. <i>Iranian Red Crescent Medical Journal</i> , 2016, 18, e25292.	0.5	6
80	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
81	Trace determination of heavy metals in farmed trout fish using dispersive liquid–liquid microextraction based on solidification of floating organic drop and graphite furnace atomic absorption spectrometry. <i>Analytical Methods</i> , 2015, 7, 6266-6273.	1.3	44
82	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
83	Determining Parasite Presence in Raw Municipal Wastewater by Bailenger Method in Kermanshah, Iran. <i>Water Quality, Exposure, and Health</i> , 2015, 7, 525-530.	1.5	2
84	Performance of an anaerobic baffled reactor (ABR) treating high strength baker's yeast manufacturing wastewater. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 47, 137-148.	2.7	50
85	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
86	Organochlorine pesticides residue in breast milk: a systematic review. <i>Medical Journal of the Islamic Republic of Iran</i> , 2015, 29, 228.	0.9	37
87	Removal of diazinon and 2,4-dichlorophenoxyacetic acid (2,4-D) from aqueous solutions by granular-activated carbon. <i>Desalination and Water Treatment</i> , 2014, 52, 4350-4355.	1.0	52
88	Determination of ultra traces of lead in water samples after combined solid-phase extraction–dispersive liquid–liquid microextraction by graphite furnace atomic absorption spectrometry. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 249-256.	1.2	38
89	A comparison between extended aeration sludge and conventional activated sludge treatment for removal of linear alkylbenzene sulfonates (Case study: Kermanshah and Paveh WWTP). <i>Desalination and Water Treatment</i> , 2014, 52, 4673-4680.	1.0	9
90	Determination of Fenvalerate in Tomato by Ultrasound-Assisted Solvent Extraction Combined with Dispersive Liquid-Liquid Microextraction. <i>Journal of Chromatographic Science</i> , 2014, 52, 944-949.	0.7	10

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91	Natural airborne dust and heavy metals: a case study for kermanshah, Western iran (2005-2011). Iranian Journal of Public Health, 2014, 43, 460-70.	0.3	7
92	Dispersive liquid-liquid microextraction followed by high-performance liquid chromatography-ultraviolet detection to determination of opium alkaloids in human plasma. Journal of Pharmaceutical and Biomedical Analysis, 2013, 85, 14-20.	1.4	59
93	Domestic scale vermicomposting for solid waste management. International Journal of Recycling of Organic Waste in Agriculture, 2013, 2, 4.	2.0	20
94	Application of dispersive liquid-liquid microextraction based on solidification of floating organic drop for simultaneous determination of alachlor and atrazine in aqueous samples. Journal of Separation Science, 2013, 36, 684-689.	1.3	49
95	Determination of organophosphorous pesticides in summer crops using ultrasound-assisted solvent extraction followed by dispersive liquid-liquid microextraction based on the solidification of floating organic drop. Food Control, 2013, 34, 378-385.	2.8	94
96	A Systematic Review of Radon Investigations Related to Public Exposure in Iran. Iranian Red Crescent Medical Journal, 2013, 15, e10204.	0.5	9
97	The comparison of parasite eggs and protozoan cysts of urban raw wastewater and efficiency of various wastewater treatment systems to remove them. Ecological Engineering, 2012, 44, 244-248.	1.6	38
98	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. Journal of Separation Science, 2012, 35, 2718-2724.	1.3	41
99	Response surface analysis of effects of hydraulic retention time and influent feed concentration on performance of an UASFF bioreactor. Waste Management, 2010, 30, 1798-1807.	3.7	18
100	Kinetic evaluation and process performance of a fixed film bioreactor removing phthalic acid and dimethyl phthalate. Journal of Hazardous Materials, 2009, 167, 500-506.	6.5	43
101	Evaluating efficiency of H_2O_2 on removal of organic matter from drinking water. Desalination and Water Treatment, 0, , 1-5.	1.0	8
102	A systematic review on organochlorine and organophosphorus pesticides content in water resources. Toxin Reviews, 0, , 1-12.	1.5	14
103	Bis(2-ethylhexyl) phthalate inhibition on aerobic flocculent and granular sludge in the treatment of landfill leachate: a comparative study. Biomass Conversion and Biorefinery, 0, , 1.	2.9	1
104	The formation of aerobic granular sludge for the treatment of real landfill leachate using a granular sequencing batch reactor at a constant volume. Environmental Quality Management, 0, , .	1.0	0