

Mohammad Hassan Ehrampoush

List of Publications by Year
in descending order

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Version: 2024-02-01

81
papers

1,885
citations

236925
25
h-index

289244
40
g-index

81
all docs

81
docs citations

81
times ranked

2742
citing authors

#	ARTICLE	IF	CITATIONS
1	Cadmium removal from aqueous solution by green synthesis iron oxide nanoparticles with tangerine peel extract. Journal of Environmental Health Science & Engineering, 2015, 13, 84.	3.0	165
2	Chromium adsorption from aqueous solution using novel green nanocomposite: Adsorbent characterization, isotherm, kinetic and thermodynamic investigation. Journal of Molecular Liquids, 2018, 256, 163-174.	4.9	112
3	A comparative study on capability of different tree species in accumulating heavy metals from soil and ambient air. Chemosphere, 2017, 172, 459-467.	8.2	110
4	The study of leachate treatment by using three advanced oxidation process based wet air oxidation. Iranian Journal of Environmental Health Science & Engineering, 2013, 10, 1.	1.8	84
5	Air pollution and telomere length in adults: A systematic review and meta-analysis of observational studies. Environmental Pollution, 2019, 244, 636-647.	7.5	84
6	Impact of Drinking Water Fluoride on Human Thyroid Hormones: A Case- Control Study. Scientific Reports, 2018, 8, 2674.	3.3	83
7	Dynamic assessment of economic and environmental performance index and generation, composition, environmental and human health risks of hospital solid waste in developing countries; A state of the art of review. Environment International, 2019, 132, 105073.	10.0	63
8	Meteorological correlates and AirQ+ health risk assessment of ambient fine particulate matter in Tehran, Iran. Environmental Research, 2019, 170, 141-150.	7.5	61
9	Environmental determinants of polycyclic aromatic hydrocarbons exposure at home, at kindergartens and during a commute. Environment International, 2018, 118, 266-273.	10.0	57
10	Removal of cadmium (II) from simulated wastewater by ion flotation technique. Iranian Journal of Environmental Health Science & Engineering, 2013, 10, 16.	1.8	53
11	Efficient photocatalytic oxidation of arsenite from contaminated water by Fe ₂ O ₃ -Mn ₂ O ₃ nanocomposite under UVA radiation and process optimization with experimental design. Chemosphere, 2018, 207, 303-312.	8.2	50
12	Dielectric barrier discharge plasma with photocatalysts as a hybrid emerging technology for degradation of synthetic organic compounds in aqueous environments: A critical review. Chemosphere, 2021, 263, 128065.	8.2	44
13	Preconcentration and speciation of thallium by ferrofluid based dispersive solid phase extraction and flame atomic absorption spectrometry. Microchemical Journal, 2017, 130, 428-435.	4.5	40
14	Removal of linear alkylbenzene sulfonate and turbidity from greywater by a hybrid multi-layer slow sand filter microfiltration ultrafiltration system. Journal of Cleaner Production, 2019, 211, 922-931.	9.3	38
15	Human health impact assessment of exposure to particulate matter: an AirQ software modeling. Environmental Science and Pollution Research, 2017, 24, 16513-16519.	5.3	37
16	Preparation and characterization of TiO ₂ incorporated 13X molecular sieves for photocatalytic removal of acetaminophen from aqueous solutions. Chemical Engineering Research and Design, 2016, 104, 334-345.	5.6	36
17	Ozone-cathode microbial desalination cell; An innovative option to bioelectricity generation and water desalination. Chemosphere, 2017, 188, 470-477.	8.2	36
18	Application of a Keggin-type heteropoly acid on supporting nanoparticles in photocatalytic degradation of organic pollutants in aqueous solutions. Journal of Cleaner Production, 2018, 197, 1447-1453.	9.3	33

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19	Nitrate removal from aqueous solutions by nanofiltration. <i>Desalination and Water Treatment</i> , 2011, 29, 326-330.	1.0	32
20	Biodegradation of atrazine from wastewater using moving bed biofilm reactor under nitrate-reducing conditions: A kinetic study. <i>Journal of Environmental Management</i> , 2018, 212, 506-513.	7.8	29
21	Studies on influence of process parameters on simultaneous biodegradation of atrazine and nutrients in aquatic environments by a membrane photobioreactor. <i>Environmental Research</i> , 2018, 161, 599-608.	7.5	28
22	Assessment of corrosion and scaling potential in groundwater resources; a case study of Yazd-Ardakan Plain, Iran. <i>Groundwater for Sustainable Development</i> , 2017, 5, 59-65.	4.6	27
23	Application of amine-functioned Fe ₃ O ₄ nanoparticles with HPEI for effective humic acid removal from aqueous solution: Modeling and optimization. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 93-104.	2.7	26
24	Efficiency of Constructed Wetland Vegetated with <i>Cyperus alternifolius</i> Applied for Municipal Wastewater Treatment. <i>Journal of Environmental and Public Health</i> , 2013, 2013, 1-5.	0.9	25
25	Effect of Organic Loading Rates on biodegradation of linear alkyl benzene sulfonate, oil and grease in greywater by Integrated Fixed-film Activated Sludge (IFAS). <i>Journal of Environmental Management</i> , 2017, 193, 312-317.	7.8	25
26	Simultaneous removal of atrazine and organic matter from wastewater using anaerobic moving bed biofilm reactor: A performance analysis. <i>Journal of Environmental Management</i> , 2018, 209, 515-524.	7.8	25
27	Improved power density and Cr/Pb removal using ozone in a microbial desalination cell. <i>Environmental Chemistry Letters</i> , 2018, 16, 1477-1485.	16.2	25
28	Application of photo-electro oxidation process for amoxicillin removal from aqueous solution: Modeling and toxicity evaluation. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 713-721.	2.7	23
29	Humic acid degradation by the synthesized flower-like Ag/ZnO nanostructure as an efficient photocatalyst. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 138.	3.0	22
30	Integration of photo-oxidation based on UV/Persulfate and adsorption processes for arsenic removal from aqueous solutions. <i>Groundwater for Sustainable Development</i> , 2020, 10, 100338.	4.6	21
31	Biodegradation and nutrients removal from greywater by an integrated fixed-film activated sludge (IFAS) in different organic loadings rates. <i>AMB Express</i> , 2018, 8, 3.	3.0	19
32	SELF-EFFICACY AND HEALTH PROMOTION BEHAVIORS OF OLDER ADULTS IN IRAN. <i>Social Behavior and Personality</i> , 2006, 34, 759-768.	0.6	18
33	Indicator pathogens, organic matter and LAS detergent removal from wastewater by constructed subsurface wetlands. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 52.	3.0	18
34	Evaluation of kenaf fibers as moving bed biofilm carriers in algal membrane photobioreactor. <i>Ecotoxicology and Environmental Safety</i> , 2018, 152, 1-7.	6.0	17
35	Association of exposure to air pollution and telomere length in preschool children. <i>Science of the Total Environment</i> , 2020, 722, 137933.	8.0	17
36	Optimizing the photocatalytic process of removing diazinon pesticide from aqueous solutions and effluent toxicity assessment via a response surface methodology approach. <i>Rendiconti Lincei</i> , 2019, 30, 155-165.	2.2	15

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37	Modeling photocatalytic degradation of diazinon from aqueous solutions and effluent toxicity risk assessment using <i>Escherichia coli</i> LMG 15862. <i>AMB Express</i> , 2018, 8, 59.	3.0	14
38	Association of greenspace exposure with telomere length in preschool children. <i>Environmental Pollution</i> , 2020, 266, 115228.	7.5	14
39	Assessment of Sick Building Syndrome and Its Associating Factors Among Nurses in the Educational Hospitals of Shahid Sadoughi University of Medical Sciences, Yazd, Iran. <i>Global Journal of Health Science</i> , 2014, 7, 247-53.	0.2	13
40	Antibiotic resistance and class 1 integron genes distribution in irrigation water-soil-crop continuum as a function of irrigation water sources. <i>Environmental Pollution</i> , 2021, 289, 117930.	7.5	13
41	Health literacy among adults in Yazd, Iran. <i>Journal of Education and Health Promotion</i> , 2015, 4, 91.	0.6	13
42	Optimization of photochemical decomposition acetamiprid pesticide from aqueous solutions and effluent toxicity assessment by <i>Pseudomonas aeruginosa</i> BCRC using response surface methodology. <i>AMB Express</i> , 2017, 7, 159.	3.0	12
43	Arsenic exposure to breast-fed infants: contaminated breastfeeding in the first month of birth. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6680-6684.	5.3	12
44	Quantitative and qualitative analysis of construction and demolition waste in Yazd city, Iran. <i>Data in Brief</i> , 2018, 21, 2622-2626.	1.0	12
45	Atmospheric Heavy Metals Biomonitoring Using a Local <i>Pinus eldarica</i> Tree. <i>Health Scope</i> , 2016, 6, .	0.6	11
46	Evaluation of volcanic pumice stone as media in fixed bed sequence batch reactor for atrazine removal from aquatic environments. <i>Water Science and Technology</i> , 2016, 74, 2569-2581.	2.5	9
47	Magnetic dispersive solid phase extraction using modified magnetic multi-walled carbon nanotubes combined with electrothermal atomic absorption spectrometry for the determination of selenium. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 555-569.	3.3	9
48	Environmental and behavioral determinants affecting the association of airway macrophages carbon load with distance to major roads and traffic density. <i>Chemosphere</i> , 2019, 217, 680-685.	8.2	9
49	Fe ₃ O ₄ @SiO ₂ magnetic nanocomposites as adsorbents for removal of diazinon from aqueous solution: isotherm and kinetic study. <i>Pigment and Resin Technology</i> , 2020, 49, 457-464.	0.9	9
50	Waste tire chunks as a novel packing media in a fixed bed sequence batch reactors: volumetric removal modeling. , 0, 64, 40-47.		9
51	Comparing cadmium removal efficiency of a magnetized biochar based on orange peel with those of conventional orange peel and unmodified biochar. , 0, 82, 157-169.		9
52	Comparison between Ag (I) and Ni (II) removal from synthetic nuclear power plant coolant water by iron oxide nanoparticles. <i>Journal of Environmental Health Science & Engineering</i> , 2013, 11, 21.	3.0	8
53	The effect of environmental parameters on the incidence of <i>Shigella</i> outbreaks in Yazd province, Iran. <i>Water Science and Technology: Water Supply</i> , 2018, 18, 1388-1395.	2.1	8
54	Comparison of poly ferric chloride and poly titanium tetrachloride in coagulation and flocculation process for paper and cardboard wastewater treatment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 27262-27272.	5.3	8

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55	Predicting anionic surfactant toxicity to <i>Daphnia magna</i> in aquatic environment: a green approach for evaluation of EC50 values. <i>Environmental Science and Pollution Research</i> , 2021, 28, 50731-50746.	5.3	8
56	Correlation between drinking water fluoride and TSH hormone by ANNs and ANFIS. <i>Journal of Environmental Health Science & Engineering</i> , 2018, 16, 11-18.	3.0	7
57	Synthesis of Ag(I) and Cu(I) Complexes with 4-Amino-5-Methyl-2h-1,2,4-Triazole-3(4h)-Thione Ligand as Thiocarbonylhydrazide Derivatives and their Antimicrobial Activity. <i>Pharmaceutical Chemistry Journal</i> , 2015, 49, 210-212.	0.8	6
58	Evaluating changes in microbial population and earthworms weight during vermicomposting of cow manure containing co-trimoxazole. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 403-412.	3.0	6
59	Is there a relationship between homesâ€™ radon gas of MS and non-MS individuals, and the patientsâ€™ paraclinical magnetic resonance imaging and visually evoked potentials in Yazd-Iran?. <i>Environmental Science and Pollution Research</i> , 2021, 28, 8907-8914.	5.3	6
60	Eco-environmental preparation of magnetic activated carbon modified with 3-aminopropyltrimethoxysilane (APTMS) from sawdust waste as a novel efficient adsorbent for humic acid removal: Characterisation, modelling, optimisation and equilibrium studies. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 4339-4359.	3.3	6
61	Removal of humic acid from aqueous solution by Fe ₃ O ₄ @L-arginine magnetic nanoparticle: kinetic and equilibrium studies. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-16.	3.3	6
62	Selecting the optimal process for the removal of reactive red 198 dye from textile wastewater using analytical hierarchy process (AHP). <i>Desalination and Water Treatment</i> , 2016, 57, 27237-27242.	1.0	5
63	Application of novel Modified Biological Aerated Filter (MBAF) as a promising post-treatment for water reuse: Modification in configuration and backwashing process. <i>Journal of Environmental Management</i> , 2017, 203, 191-199.	7.8	5
64	Associations between climatic parameters and the human salmonellosis in Yazd province, Iran. <i>Environmental Research</i> , 2020, 187, 109706.	7.5	5
65	Risk assessment and disease burden of legionella presence in cooling towers of Iranâ€™s central hospitals. <i>Environmental Science and Pollution Research</i> , 2021, 28, 65945-65951.	5.3	4
66	Foodborne Disease Outbreaks Related to Environmental Conditions in Yazd Province, Iran. <i>Iranian Journal of Public Health</i> , 2019, 48, 1099-1105.	0.5	4
67	Upgrading secondary wastewater plant effluent by modified coagulation and flocculation, for water reuse in irrigation. <i>Journal of Water Reuse and Desalination</i> , 2017, 7, 298-306.	2.3	3
68	The relationship between environmental exposures and hormonal abnormalities in pregnant women: An epidemiological study in Yazd, Iran. <i>Women and Birth</i> , 2018, 31, e204-e209.	2.0	3
69	Application of photoelectro-fenton process modified with porous cathode electrode in removing resistant organic compounds from aquatic solutions: modeling, toxicity and kinetics. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 969-977.	2.7	3
70	Safety assessment of genetically modified rice expressing Cry1Ab protein in Spragueâ€™Dawley rats. <i>Scientific Reports</i> , 2021, 11, 1126.	3.3	3
71	Inulin enriched wheat bread: interaction of polymerization degree and fermentation type. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 5408-5417.	3.2	3
72	Effects of radical scavengers on humic acid removal by electron beam irradiation. <i>Desalination and Water Treatment</i> , 2016, 57, 29036-29043.	1.0	2

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73	Investigation of the association between pesticide exposure and the prevalence of type 2 diabetes in Shahedieh population in Yazd. Environmental Science and Pollution Research, 2021, 28, 43394-43401.	5.3	2
74	Enhanced photocatalytic activity of efficient magnetically recyclable core-shell nanocomposites on 2,2,4,4,5,5-hexachlorobiphenyl (PCB 153) degradation under UV-LED irradiation. Environmental Science and Pollution Research, 2021, 28, 54679-54694.	5.3	2
75	Tracking antibiotic resistance genes and class 1 integrons in <i>Escherichia coli</i> isolates from wastewater and agricultural fields. Water Science and Technology, 2021, 84, 1182-1189.	2.5	2
76	<i>Moringa oleifera</i> seed extract assisted electrocoagulation process for efficient direct dye removal from textile wastewater: Modelling, optimisation and techno-economic study. International Journal of Environmental Analytical Chemistry, 0, , 1-21.	3.3	2
77	Designing and modeling of a novel electrolysis reactor using porous cathode to produce H ₂ O ₂ as an oxidant. MethodsX, 2019, 6, 1305-1312.	1.6	1
78	Developing a system dynamics model for prediction of phosphorus in facultative stabilization ponds. AMB Express, 2019, 9, 157.	3.0	1
79	Protective strategies among patients with cardiovascular diseases against dust phenomenon exposure in Ahvaz city based on the protection motivation theory. Environmental Health Engineering and Management, 2021, 8, 1-8.	0.7	0
80	Evaluation of humic acid removal efficiency in aqueous solution by feather protein granule. , 0, 83, 47-55.		0
81	Relationship between Serum Tumor-Related Markers and Genetically Modified Rice Expressing Cry1Ab Protein in Sprague-Dawley Rats. Nutrition and Cancer, 2021, , 1-10.	2.0	0