

# 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	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
2	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
3	Dielectric barrier discharge plasma with photocatalysts as a hybrid emerging technology for degradation of synthetic organic compounds in aqueous environments: A critical review. <i>Chemosphere</i> , 2021, 263, 128065.	8.2	44
4	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
5	Safety assessment of genetically modified rice expressing Cry1Ab protein in Spragueâ€™Dawley rats. <i>Scientific Reports</i> , 2021, 11, 1126.	3.3	3
6	Protective strategies among patients with cardiovascular diseases against dust phenomenon exposure in Ahvaz city based on the protection motivation theory. <i>Environmental Health Engineering and Management</i> , 2021, 8, 1-8.	0.7	0
7	Investigation of the association between pesticide exposure and the prevalence of type 2 diabetes in Shahedieh population in Yazd. <i>Environmental Science and Pollution Research</i> , 2021, 28, 43394-43401.	5.3	2
8	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
9	Enhanced photocatalytic activity of efficient magnetically recyclable core-shell nanocomposites on 2,2â€™,4,4â€™,5,5â€™-hexachlorobiphenyl (PCB 153) degradation under UV-LED irradiation. <i>Environmental Science and Pollution Research</i> , 2021, 28, 54679-54694.	5.3	2
10	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
11	Tracking antibiotic resistance genes and class 1 integrons in <i>Escherichia coli</i> isolates from wastewater and agricultural fields. <i>Water Science and Technology</i> , 2021, 84, 1182-1189.	2.5	2
12	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
13	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
14	Relationship between Serum Tumor-Related Markers and Genetically Modified Rice Expressing Cry1Ab Protein in Sprague-Dawley Rats. <i>Nutrition and Cancer</i> , 2021, , 1-10.	2.0	0
15	Association of greenspace exposure with telomere length in preschool children. <i>Environmental Pollution</i> , 2020, 266, 115228.	7.5	14
16	Fe3O4@SiO2 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
17	Evaluating changes in microbial population and earthworms weight during vermicomposting of cow manure containing co-trimoxazole. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2020, 18, 403-412.	3.0	6
18	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

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19	Associations between climatic parameters and the human salmonellosis in Yazd province, Iran. <i>Environmental Research</i> , 2020, 187, 109706.	7.5	5
20	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
21	Application of amine-functionalized Fe <sub>3</sub> O <sub>4</sub> 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
22	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
23	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. <i>Environment International</i> , 2019, 132, 105073.	10.0	63
24	Designing and modeling of a novel electrolysis reactor using porous cathode to produce H <sub>2</sub> O <sub>2</sub> as an oxidant. <i>MethodsX</i> , 2019, 6, 1305-1312.	1.6	1
25	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
26	Developing a system dynamics model for prediction of phosphorus in facultative stabilization ponds. <i>AMB Express</i> , 2019, 9, 157.	3.0	1
27	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
28	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
29	Removal of linear alkylbenzene sulfonate and turbidity from greywater by a hybrid multi-layer slow sand filter microfiltration ultrafiltration system. <i>Journal of Cleaner Production</i> , 2019, 211, 922-931.	9.3	38
30	Meteorological correlates and AirQ+ health risk assessment of ambient fine particulate matter in Tehran, Iran. <i>Environmental Research</i> , 2019, 170, 141-150.	7.5	61
31	Air pollution and telomere length in adults: A systematic review and meta-analysis of observational studies. <i>Environmental Pollution</i> , 2019, 244, 636-647.	7.5	84
32	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
33	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
34	Correlation between drinking water fluoride and TSH hormone by ANNs and ANFIS. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2018, 16, 11-18.	3.0	7
35	Impact of Drinking Water Fluoride on Human Thyroid Hormones: A Case- Control Study. <i>Scientific Reports</i> , 2018, 8, 2674.	3.3	83
36	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

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37	Chromium adsorption from aqueous solution using novel green nanocomposite: Adsorbent characterization, isotherm, kinetic and thermodynamic investigation. <i>Journal of Molecular Liquids</i> , 2018, 256, 163-174.	4.9	112
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	Efficient photocatalytic oxidation of arsenite from contaminated water by Fe <sub>2</sub> O <sub>3</sub> -Mn <sub>2</sub> O <sub>3</sub> nanocomposite under UVA radiation and process optimization with experimental design. <i>Chemosphere</i> , 2018, 207, 303-312.	8.2	50
47	Application of a Keggin-type heteropoly acid on supporting nanoparticles in photocatalytic degradation of organic pollutants in aqueous solutions. <i>Journal of Cleaner Production</i> , 2018, 197, 1447-1453.	9.3	33
48	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
49	Environmental determinants of polycyclic aromatic hydrocarbons exposure at home, at kindergartens and during a commute. <i>Environment International</i> , 2018, 118, 266-273.	10.0	57
50	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
51	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
52	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.	8.2	110
53	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
54	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

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55	Human health impact assessment of exposure to particulate matter: an AirQ software modeling. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16513-16519.	5.3	37
56	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
57	Ozone-cathode microbial desalination cell; An innovative option to bioelectricity generation and water desalination. <i>Chemosphere</i> , 2017, 188, 470-477.	8.2	36
58	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
59	Preconcentration and speciation of thallium by ferrofluid based dispersive solid phase extraction and flame atomic absorption spectrometry. <i>Microchemical Journal</i> , 2017, 130, 428-435.	4.5	40
60	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
61	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
62	Preparation and characterization of TiO <sub>2</sub> incorporated 13X molecular sieves for photocatalytic removal of acetaminophen from aqueous solutions. <i>Chemical Engineering Research and Design</i> , 2016, 104, 334-345.	5.6	36
63	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
64	Atmospheric Heavy Metals Biomonitoring Using a Local <i>Pinus eldarica</i> Tree. <i>Health Scope</i> , 2016, 6, .	0.6	11
65	Cadmium removal from aqueous solution by green synthesis iron oxide nanoparticles with tangerine peel extract. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2015, 13, 84.	3.0	165
66	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
67	Health literacy among adults in Yazd, Iran. <i>Journal of Education and Health Promotion</i> , 2015, 4, 91.	0.6	13
68	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
69	Humic acid degradation by the synthesized flower-like Ag/ZnO nanostructure as an efficient photocatalyst. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2014, 12, 138.	3.0	22
70	Indicator pathogens, organic matter and LAS detergent removal from wastewater by constructed subsurface wetlands. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2014, 12, 52.	3.0	18
71	Removal of cadmium (II) from simulated wastewater by ion flotation technique. <i>Iranian Journal of Environmental Health Science &amp; Engineering</i> , 2013, 10, 16.	1.8	53
72	The study of leachate treatment by using three advanced oxidation process based wet air oxidation. <i>Iranian Journal of Environmental Health Science &amp; Engineering</i> , 2013, 10, 1.	1.8	84

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73	Comparison between Ag (I) and Ni (II) removal from synthetic nuclear power plant coolant water by iron oxide nanoparticles. Journal of Environmental Health Science & Engineering, 2013, 11, 21.	3.0	8
74	Efficiency of Constructed Wetland Vegetated with <i>Cyperus alternifolius</i> Applied for Municipal Wastewater Treatment. Journal of Environmental and Public Health, 2013, 2013, 1-5.	0.9	25
75	Nitrate removal from aqueous solutions by nanofiltration. Desalination and Water Treatment, 2011, 29, 326-330.	1.0	32
76	SELF-EFFICACY AND HEALTH PROMOTION BEHAVIORS OF OLDER ADULTS IN IRAN. Social Behavior and Personality, 2006, 34, 759-768.	0.6	18
77	Removal of humic acid from aqueous solution by Fe <sub>3</sub> O <sub>4</sub> @L-arginine magnetic nanoparticle: kinetic and equilibrium studies. International Journal of Environmental Analytical Chemistry, 0, , 1-16.	3.3	6
78	Waste tire chunks as a novel packing media in a fixed bed sequence batch reactors: volumetric removal modeling. , 0, 64, 40-47.		9
79	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
80	Evaluation of humic acid removal efficiency in aqueous solution by feather protein granule. , 0, 83, 47-55.		0
81	<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