

Ali Fatehizadeh

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,178
citations

279798

23
h-index

454955

30
g-index

71
all docs

71
docs citations

71
times ranked

1238
citing authors

#	ARTICLE	IF	CITATIONS
1	Health risk assessment of potentially toxic elements intake via food crops consumption: Monte Carlo simulation-based probabilistic and heavy metal pollution index. <i>Environmental Science and Pollution Research</i> , 2021, 28, 1479-1490.	5.3	77
2	Survey efficiency of electrocoagulation on nitrate removal from aqueous solution. <i>International Journal of Environmental Science and Technology</i> , 2011, 8, 107-114.	3.5	59
3	Validation of linear and non-linear kinetic modeling of saline wastewater treatment by sequencing batch reactor with adapted and non-adapted consortiums. <i>Desalination</i> , 2014, 344, 228-235.	8.2	50
4	Phenol Photocatalytic Degradation by Advanced Oxidation Process under Ultraviolet Radiation Using Titanium Dioxide. <i>Journal of Environmental and Public Health</i> , 2013, 2013, 1-9.	0.9	49
5	Application of nanofilter in removal of phosphate, fluoride and nitrite from groundwater. <i>Desalination and Water Treatment</i> , 2016, 57, 11782-11788.	1.0	45
6	Synergistic degradation of 4-chlorophenol by persulfate and oxalic acid mixture with heterogeneous Fenton like system for wastewater treatment: Adaptive neuro-fuzzy inference systems modeling. <i>Journal of Environmental Management</i> , 2020, 268, 110678.	7.8	39
7	Fluoride removal using Regenerated Spent Bleaching Earth (RSBE) from groundwater: Case study on Kuhbonan water. <i>Desalination</i> , 2011, 277, 244-249.	8.2	36
8	Synergetic degradation of atenolol by hydrodynamic cavitation coupled with sodium persulfate as zero-waste discharge process: Effect of coexisting anions. <i>Chemical Engineering Journal</i> , 2021, 416, 129163.	12.7	35
9	High surface area acid-treated biochar from pomegranate husk for 2,4-dichlorophenol adsorption from aqueous solution. <i>Chemosphere</i> , 2022, 295, 133850.	8.2	35
10	Adsorption of 4-chlorophenol by magnetized activated carbon from pomegranate husk using dual stage chemical activation. <i>Chemosphere</i> , 2021, 270, 128623.	8.2	33
11	Nitrate removal from aqueous solutions by nanofiltration. <i>Desalination and Water Treatment</i> , 2011, 29, 326-330.	1.0	32
12	NICKEL (II) REMOVAL FROM INDUSTRIAL PLATING EFFLUENT BY FENTON PROCESS. <i>Environmental Engineering and Management Journal</i> , 2015, 14, 837-842.	0.6	32
13	Evaluation of carcinogenic risks related to nitrate exposure in drinking water in Iran. <i>MethodsX</i> , 2019, 6, 1716-1727.	1.6	31
14	Fabrication of activated carbon from pomegranate husk by dual consecutive chemical activation for 4-chlorophenol adsorption. <i>Environmental Science and Pollution Research</i> , 2021, 28, 13919-13930.	5.3	31
15	Advanced oxidation of 4-chlorophenol via combined pulsed light and sulfate radicals methods: Effect of co-existing anions. <i>Journal of Environmental Management</i> , 2021, 291, 112595.	7.8	30
16	Kinetic study of slaughterhouse wastewater treatment by electrocoagulation using Fe electrodes. <i>Water Science and Technology</i> , 2012, 66, 754-760.	2.5	29
17	Municipal Leachate Treatment by Fenton Process: Effect of Some Variable and Kinetics. <i>Journal of Environmental and Public Health</i> , 2013, 2013, 1-6.	0.9	28
18	Enhanced removal of humic acid from aqueous solution by combined alternating current electrocoagulation and sulfate radical. <i>Environmental Pollution</i> , 2021, 277, 116632.	7.5	26

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19	Application of UV/chlorine processes for the DR83:1 degradation from wastewater: Effect of coexisting anions. <i>Journal of Environmental Management</i> , 2021, 297, 113349.	7.8	26
20	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
21	Experimental data for aluminum removal from aqueous solution by raw and iron-modified granular activated carbon. <i>Data in Brief</i> , 2018, 17, 731-738.	1.0	24
22	Influence of co-existing cations and anions on removal of direct red 89 dye from synthetic wastewater by hydrodynamic cavitation process: An empirical modeling. <i>Ultrasonics Sonochemistry</i> , 2020, 67, 105133.	8.2	24
23	Direct red 89 dye degradation by advanced oxidation process using sulfite and zero valent under ultraviolet irradiation: Toxicity assessment and adaptive neuro-fuzzy inference systems modeling. <i>Environmental Research</i> , 2022, 211, 113059.	7.5	24
24	Stoichiometry evaluation of biohydrogen production from various carbohydrates. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20915-20921.	5.3	23
25	Artificial intelligence modeling to predict transmembrane pressure in anaerobic membrane bioreactor-sequencing batch reactor during biohydrogen production. <i>Journal of Environmental Management</i> , 2021, 292, 112759.	7.8	22
26	Biohydrogen production under hyper salinity stress by an anaerobic sequencing batch reactor with mixed culture. <i>Journal of Environmental Health Science & Engineering</i> , 2018, 16, 159-170.	3.0	21
27	Biohydrogen production from alkaline wastewater: The stoichiometric reactions, modeling, and electron equivalent. <i>MethodsX</i> , 2019, 6, 1496-1505.	1.6	19
28	Photocatalytic removal of cadmium (II) and lead (II) from simulated wastewater at continuous and batch system. <i>International Journal of Environmental Health Engineering</i> , 2014, 3, 31.	0.4	19
29	Retention of atenolol from single and binary aqueous solutions by thin film composite nanofiltration membrane: Transport modeling and pore radius estimation. <i>Journal of Environmental Management</i> , 2020, 271, 111005.	7.8	17
30	Health risk assessment of exposure to chlorpyrifos in pregnant women using deterministic and probabilistic approaches. <i>PLoS ONE</i> , 2022, 17, e0262127.	2.5	15
31	Metabolism and kinetic study of bioH ₂ production by anaerobic sludge under different acid pretreatments. <i>Process Biochemistry</i> , 2017, 61, 24-29.	3.7	14
32	Degradation of UV-filter Benzophenon-3 in aqueous solution using TiO ₂ coated on quartz tubes. <i>Journal of Environmental Health Science & Engineering</i> , 2018, 16, 213-228.	3.0	14
33	Resazurin reduction assay, a useful tool for assessment of heavy metal toxicity in acidic conditions. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 276.	2.7	12
34	Empirical modeling and kinetic study of methylene blue removal from synthetic wastewater by activation of persulfate with heterogeneous Fenton-like process. <i>Journal of Molecular Liquids</i> , 2021, 328, 115408.	4.9	12
35	Geographical distribution of stomach cancer related to heavy metals in Kurdistan, Iran. <i>International Journal of Environmental Health Engineering</i> , 2015, 4, 12.	0.4	12
36	Treatment of synthetic dye containing textile raw wastewater effluent using UV/Chlorine/Br photolysis process followed by activated carbon adsorption. <i>Environmental Science and Pollution Research</i> , 2022, 29, 39400-39409.	5.3	12

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37	Anaerobic membrane bioreactor for the production of bioH ₂ : Electron flow, fouling modeling and kinetic study. Chemical Engineering Journal, 2021, 426, 130716.	12.7	11
38	Impact of prenatal triclosan exposure on gestational age and anthropometric measures at birth: A systematic review and meta-analysis. Journal of Research in Medical Sciences, 2020, 25, 61.	0.9	10
39	Analysis of Particulate matter (PM ₁₀ and PM _{2.5}) concentration in Khorramabad city. International Journal of Environmental Health Engineering, 2013, 2, 3.	0.4	9
40	Comparison of acetate-butyrate and acetate-ethanol metabolic pathway in biohydrogen production. Journal of Medical Signals and Sensors, 2018, 8, 101.	1.0	9
41	Magnetized Activated Carbon Synthesized from Pomegranate Husk for Persulfate Activation and Degradation of 4-Chlorophenol from Wastewater. Applied Sciences (Switzerland), 2022, 12, 1611.	2.5	9
42	Application of TiO ₂ /UV-C Photocatalytic Process in Removal of Reactive Red 198 Dye from Synthetic Textile Wastewater. Asian Journal of Chemistry, 2013, 25, 7427-7432.	0.3	8
43	Simplification and sensitivity study of Alamar Blue bioassay for toxicity assessment in liquid media. Desalination and Water Treatment, 2016, 57, 10934-10940.	1.0	7
44	Biosorption of 4-chlorophenol by dried anaerobic digested sludge: artificial neural network modeling, equilibrium isotherm, and kinetic study. International Journal of Environmental Science and Technology, 2017, 14, 37-48.	3.5	7
45	Methyl tertiary-butyl ether adsorption by bioactivated carbon from aqueous solution: kinetics, isotherm and artificial neural network modeling. , 0, 154, 254-267.		7
46	Electron flow of biological H ₂ production by sludge under simple thermal treatment: Kinetic study. Journal of Environmental Management, 2019, 250, 109461.	7.8	6
47	Proposal of upgrading Isfahan north wastewater treatment plant: An adsorption/bio-oxidation process with emphasis on excess sludge reduction and nutrient removal. Journal of Cleaner Production, 2020, 255, 120247.	9.3	6
48	Biohydrogen Production as Clean Fuel from physically Pretreated Mixed Culture. Advanced Biomedical Research, 2018, 7, 80.	0.5	6
49	Association of maternal exposure to bisphenol A with her β -hCG level and neonatal anthropometric measures. Environmental Science and Pollution Research, 2021, 28, 62809-62815.	5.3	5
50	Biological hydrogen production from synthetic wastewater by an anaerobic migrating blanket reactor: Artificial neural network (ANN) modeling. Environmental Health Engineering and Management, 2019, 6, 269-276.	0.7	5
51	Bisphenol A exposure and abnormal glucose tolerance during pregnancy: systematic review and meta-analysis. Environmental Science and Pollution Research, 2021, 28, 62105-62115.	5.3	4
52	Isotherms and kinetics studies of biosorption nickel (II) and chromium (VI) from aqueous solution by dried activated sludge. International Journal of Environmental Health Engineering, 2012, 1, 2.	0.4	4
53	Interactions of Cd, Cr, Pb, Ni, and Hg in their effects on activated sludge bacteria by using two analytical methods. Environmental Monitoring and Assessment, 2019, 191, 124.	2.7	3
54	Annual and seasonal variation of turbidity, total dissolved solids, nitrate and nitrite in the Parsabad water treatment plant, Iran. International Journal of Environmental Health Engineering, 2013, 2, 37.	0.4	3

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55	Sodium and potassium removal from brackish water by nanofiltration membrane: single and binary salt mixtures. , 0, 103, 65-71.		3
56	Application of Fenton and photo-Fenton process for decolorization of Direct Red 80 dye from synthetic wastewater. , 0, 204, 155-163.		3
57	Atenolol removal from aqueous solutions using Bi ₂ O ₃ /TiO ₂ under UV-C and visible light irradiations. International Journal of Environmental Analytical Chemistry, 0, , 1-22.	3.3	3
58	Biodegradation performance of anaerobic sequencing batch biofilm reactor for oil with polychlorinated biphenyls. International Journal of Environmental Health Engineering, 2013, 2, 19.	0.4	2
59	Evaluation of flat sheet membrane bioreactor efficiency for municipal wastewater treatment. International Journal of Environmental Health Engineering, 2012, 1, 19.	0.4	2
60	Biodegradation of benzene-toluene-xylene in petrochemical industries wastewater through anaerobic sequencing biofilm batch reactor in bench scale. International Journal of Environmental Health Engineering, 2012, 1, 22.	0.4	2
61	High turbid water treatment by Kenaf fibers: a practical method for individual water supply and remote area. , 0, 76, 225-231.		2
62	Assessment of toxicity and kinetic effects of erythromycin on activated sludge consortium by fast respirometry method. Environmental Health Engineering and Management, 2021, 8, 205-214.	0.7	2
63	Comparison of acetate-butyrate and acetate-ethanol metabolic pathway in biohydrogen production. Journal of Medical Signals and Sensors, 2018, 8, 101.	1.0	2
64	Synergetic metronidazole removal from aqueous solutions using combination of electro-persulfate process with magnetic Fe ₃ O ₄ @AC nanocomposites: nonlinear fitting of isotherms and kinetic models. Zeitschrift Fur Physikalische Chemie, 2021, 235, 1297-1321.	2.8	2
65	A comparative study between dried anaerobic digested sludge and dried activated sludge for the removal of 4-chlorophenol from aqueous solutions. International Journal of Environmental Health Engineering, 2016, 5, 6.	0.4	1
66	Outdoor investigation of air quality around Bandar Abbas - Iran oil refinery. International Journal of Environmental Health Engineering, 2012, 1, 9.	0.4	1
67	Biological excess sludge reduction in adsorption/bio-oxidation process by enhancing predators' growth. International Journal of Environmental Health Engineering, 2020, 9, 2.	0.4	1
68	Comparison of Acetate-butyrate and Acetate-ethanol Metabolic Pathway in Biohydrogen Production. Journal of Medical Signals and Sensors, 2018, 8, 101-107.	1.0	1
69	Biohydrogen Production as a Clean Fuel by Acid and Alkaline Pretreated Mixed Culture During Glucose Fermentation. Health Scope, 2019, In Press, .	0.6	0
70	Rapid assessment of toxicity of chlorinated aqueous solution by dissolved oxygen depletion and optical density bioassays. Environmental Health Engineering and Management, 2020, 7, 271-276.	0.7	0