

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 exposure to chlorpyrifos in pregnant women using deterministic and probabilistic approaches. PLoS ONE, 2022, 17, e0262127.	2.5	15
2	Treatment of synthetic dye containing textile raw wastewater effluent using UV/Chlorine/Br photolysis process followed by activated carbon adsorption. Environmental Science and Pollution Research, 2022, 29, 39400-39409.	5.3	12
3	High surface area acid-treated biochar from pomegranate husk for 2,4-dichlorophenol adsorption from aqueous solution. Chemosphere, 2022, 295, 133850.	8.2	35
4	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
5	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. Environmental Research, 2022, 211, 113059.	7.5	24
6	Fabrication of activated carbon from pomegranate husk by dual consecutive chemical activation for 4-chlorophenol adsorption. Environmental Science and Pollution Research, 2021, 28, 13919-13930.	5.3	31
7	Adsorption of 4-chlorophenol by magnetized activated carbon from pomegranate husk using dual stage chemical activation. Chemosphere, 2021, 270, 128623.	8.2	33
8	Health risk assessment of potentially toxic elements intake via food crops consumption: Monte Carlo simulation-based probabilistic and heavy metal pollution index. Environmental Science and Pollution Research, 2021, 28, 1479-1490.	5.3	77
9	Empirical modeling and kinetic study of methylene blue removal from synthetic wastewater by activation of persulfate with heterogeneous Fenton-like process. Journal of Molecular Liquids, 2021, 328, 115408.	4.9	12
10	Enhanced removal of humic acid from aqueous solution by combined alternating current electrocoagulation and sulfate radical. Environmental Pollution, 2021, 277, 116632.	7.5	26
11	Association of maternal exposure to bisphenol A with her \hat{I}^2 -hCG level and neonatal anthropometric measures. Environmental Science and Pollution Research, 2021, 28, 62809-62815.	5.3	5
12	Synergetic degradation of atenolol by hydrodynamic cavitation coupled with sodium persulfate as zero-waste discharge process: Effect of coexisting anions. Chemical Engineering Journal, 2021, 416, 129163.	12.7	35
13	Advanced oxidation of 4-chlorophenol via combined pulsed light and sulfate radicals methods: Effect of co-existing anions. Journal of Environmental Management, 2021, 291, 112595.	7.8	30
14	Artificial intelligence modeling to predict transmembrane pressure in anaerobic membrane bioreactor-sequencing batch reactor during biohydrogen production. Journal of Environmental Management, 2021, 292, 112759.	7.8	22
15	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
16	Application of UV/chlorine processes for the DR83:1 degradation from wastewater: Effect of coexisting anions. Journal of Environmental Management, 2021, 297, 113349.	7.8	26
17	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
18	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

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19	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
20	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. Journal of Environmental Management, 2020, 268, 110678.	7.8	39
21	Retention of atenolol from single and binary aqueous solutions by thin film composite nanofiltration membrane: Transport modeling and pore radius estimation. Journal of Environmental Management, 2020, 271, 111005.	7.8	17
22	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
23	Influence of co-existing cations and anions on removal of direct red 89 dye from synthetic wastewater by hydrodynamic cavitation process: An empirical modeling. Ultrasonics Sonochemistry, 2020, 67, 105133.	8.2	24
24	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
25	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
26	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
27	Biohydrogen production from alkaline wastewater: The stoichiometric reactions, modeling, and electron equivalent. MethodsX, 2019, 6, 1496-1505.	1.6	19
28	Evaluation of carcinogenic risks related to nitrate exposure in drinking water in Iran. MethodsX, 2019, 6, 1716-1727.	1.6	31
29	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
30	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
31	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
32	Biohydrogen Production as a Clean Fuel by Acid and Alkaline Pretreated Mixed Culture During Glucose Fermentation. Health Scope, 2019, In Press, .	0.6	0
33	Experimental data for aluminum removal from aqueous solution by raw and iron-modified granular activated carbon. Data in Brief, 2018, 17, 731-738.	1.0	24
34	Biohydrogen production under hyper salinity stress by an anaerobic sequencing batch reactor with mixed culture. Journal of Environmental Health Science & Engineering, 2018, 16, 159-170.	3.0	21
35	Degradation of UV-filter Benzophenon-3 in aqueous solution using TiO ₂ coated on quartz tubes. Journal of Environmental Health Science & Engineering, 2018, 16, 213-228.	3.0	14
36	Biohydrogen Production as Clean Fuel from physically Pretreated Mixed Culture. Advanced Biomedical Research, 2018, 7, 80.	0.5	6

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37	Comparison of acetate-butyrate and acetate-ethanol metabolic pathway in biohydrogen production. Journal of Medical Signals and Sensors, 2018, 8, 101.	1.0	9
38	Comparison of acetate-butyrate and acetate-ethanol metabolic pathway in biohydrogen production. Journal of Medical Signals and Sensors, 2018, 8, 101.	1.0	2
39	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
40	Metabolism and kinetic study of bioH ₂ production by anaerobic sludge under different acid pretreatments. Process Biochemistry, 2017, 61, 24-29.	3.7	14
41	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
42	Stoichiometry evaluation of biohydrogen production from various carbohydrates. Environmental Science and Pollution Research, 2016, 23, 20915-20921.	5.3	23
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	Application of nanofilter in removal of phosphate, fluoride and nitrite from groundwater. Desalination and Water Treatment, 2016, 57, 11782-11788.	1.0	45
45	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
46	Resazurin reduction assay, a useful tool for assessment of heavy metal toxicity in acidic conditions. Environmental Monitoring and Assessment, 2015, 187, 276.	2.7	12
47	NICKEL (II) REMOVAL FROM INDUSTRIAL PLATING EFFLUENT BY FENTON PROCESS. Environmental Engineering and Management Journal, 2015, 14, 837-842.	0.6	32
48	Geographical distribution of stomach cancer related to heavy metals in Kurdistan, Iran. International Journal of Environmental Health Engineering, 2015, 4, 12.	0.4	12
49	Validation of linear and non-linear kinetic modeling of saline wastewater treatment by sequencing batch reactor with adapted and non-adapted consortiums. Desalination, 2014, 344, 228-235.	8.2	50
50	Photocatalytic removal of cadmium (II) and lead (II) from simulated wastewater at continuous and batch system. International Journal of Environmental Health Engineering, 2014, 3, 31.	0.4	19
51	Phenol Photocatalytic Degradation by Advanced Oxidation Process under Ultraviolet Radiation Using Titanium Dioxide. Journal of Environmental and Public Health, 2013, 2013, 1-9.	0.9	49
52	Municipal Leachate Treatment by Fenton Process: Effect of Some Variable and Kinetics. Journal of Environmental and Public Health, 2013, 2013, 1-6.	0.9	28
53	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
54	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

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55	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
56	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
57	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
58	Kinetic study of slaughterhouse wastewater treatment by electrocoagulation using Fe electrodes. Water Science and Technology, 2012, 66, 754-760.	2.5	29
59	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
60	Evaluation of flat sheet membrane bioreactor efficiency for municipal wastewater treatment. International Journal of Environmental Health Engineering, 2012, 1, 19.	0.4	2
61	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
62	Outdoor investigation of air quality around Bandar Abbas - Iran oil refinery. International Journal of Environmental Health Engineering, 2012, 1, 9.	0.4	1
63	Nitrate removal from aqueous solutions by nanofiltration. Desalination and Water Treatment, 2011, 29, 326-330.	1.0	32
64	Survey efficiency of electrocoagulation on nitrate removal from aqueous solution. International Journal of Environmental Science and Technology, 2011, 8, 107-114.	3.5	59
65	Fluoride removal using Regenerated Spent Bleaching Earth (RSBE) from groundwater: Case study on Kuhbonan water. Desalination, 2011, 277, 244-249.	8.2	36
66	High turbid water treatment by Kenaf fibers: a practical method for individual water supply and remote area. , 0, 76, 225-231.		2
67	Sodium and potassium removal from brackish water by nanofiltration membrane: single and binary salt mixtures. , 0, 103, 65-71.		3
68	Methyl tertiary-butyl ether adsorption by bioactivated carbon from aqueous solution: kinetics, isotherm and artificial neural network modeling. , 0, 154, 254-267.		7
69	Application of Fenton and photo-Fenton process for decolorization of Direct Red 80 dye from synthetic wastewater. , 0, 204, 155-163.		3
70	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