

Ghorban Asgari

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

1,817
citations

304602

22
h-index

315616

38
g-index

102
all docs

102
docs citations

102
times ranked

1729
citing authors

#	ARTICLE	IF	CITATIONS
1	The biological nutrient removal (BNR) process in Aerobic granular sludge systems treating real landfill leachate of a West Metropolis in Iran. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 7715-7726.	1.8	5
2	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
3	Enhanced degradation of Rhodamine B dye by Fenton/peracetic acid and photo-Fenton/peracetic acid processes. <i>International Journal of Chemical Reactor Engineering</i> , 2022, 20, 1251-1260.	0.6	9
4	Application of polystyrene nanofibers filled with sawdust as separator pads for separation of oil spills. <i>Chemical Engineering Research and Design</i> , 2021, 146, 161-168.	2.7	14
5	Diuron degradation using three-dimensional electro-peroxone (3D/E-peroxone) process in the presence of TiO ₂ /GAC: Application for real wastewater and optimization using RSM-CCD and ANN-GA approaches. <i>Chemosphere</i> , 2021, 266, 129179.	4.2	52
6	Modified bone char with MgO as a green antibacterial household water treatment filter: Comparing the microbial quality with refrigerator cartridge filters. <i>Journal of Hazardous Materials</i> , 2021, 414, 125516.	6.5	1
7	Fear of COVID-19 and religious coping mediate the associations between religiosity and distress among older adults. <i>Health Promotion Perspectives</i> , 2021, 11, 316-322.	0.8	11
8	Prediction of the optimal dosage of coagulants in water treatment plants through developing models based on artificial neural network fuzzy inference system (ANFIS). <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 1543-1553.	1.4	19
9	Mineralization, kinetics, and degradation pathway of pentachlorophenol degradation from aqueous media via persulfate/dithionite process. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103357.	2.3	12
10	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
11	Step-scheme BiVO ₄ /WO ₃ heterojunction photocatalyst under visible LED light irradiation removing 4-chlorophenol in aqueous solutions. <i>Journal of Environmental Management</i> , 2021, 297, 113338.	3.8	22
12	Carbon felt modified with N-doped rGO for an efficient electro-peroxone process in diuron degradation and biodegradability improvement of wastewater from a pesticide manufacture: Optimization of process parameters, electrical energy consumption and degradation pathway. <i>Separation and Purification Technology</i> , 2021, 274, 118962.	3.9	26
13	Moving-bed biofilm reactor combined with three-dimensional electrochemical pretreatment (MBBR-3DE) for 2,4-D herbicide treatment: application for real wastewater, improvement of biodegradability. <i>RSC Advances</i> , 2021, 11, 9608-9620.	1.7	49
14	Assessment the Quality of Bottled Drinking Water Through Mamdani Fuzzy Water Quality Index. <i>Water Resources Management</i> , 2021, 35, 5431-5452.	1.9	10
15	Oxidative removal of 4-chloro-hydroxybenzene using catalyzed S ₂ O ₈ ²⁻ with Fe ²⁺ under UV-LED irradiation. <i>Cleaner Engineering and Technology</i> , 2021, 5, 100337.	2.1	0
16	Sono-photo-assisted heterogeneous activation of peroxydisulfate by Fe/Cu catalyst for the degradation of bisphenol A, optimization with response surface methodology. <i>Water Environment Research</i> , 2020, 92, 189-201.	1.3	6
17	Optimization and Modeling of Tetracycline Removal from Wastewater by Three-Dimensional Electrochemical System: Application of Response Surface Methodology and Least Squares Support Vector Machine. <i>Environmental Modeling and Assessment</i> , 2020, 25, 327-341.	1.2	26
18	Optimization of synthesis a new composite of nano-MgO, CNT and Graphite as a catalyst in heterogeneous catalytic ozonation for the treatment of pesticide-laden wastewater. <i>Journal of Water Process Engineering</i> , 2020, 33, 101082.	2.6	13

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19	Prediction and Optimization of Pentachlorophenol Degradation and Mineralization in Heterogeneous Catalytic Ozonation Using Artificial Neural Network. <i>Journal of Water Chemistry and Technology</i> , 2020, 42, 164-170.	0.2	3
20	Application of the UV/sulfoxylate/phenol process in the simultaneous removal of nitrate and pentachlorophenol from the aqueous solution. <i>Journal of Molecular Liquids</i> , 2020, 314, 113581.	2.3	6
21	Efficient decomposition of pentachlorophenol by a high photon flux UV/sodium hydrosulfite: Kinetics, intermediates and associated transformation pathway. <i>Optik</i> , 2020, 218, 164981.	1.4	3
22	Enhancing photo-precipitation of Cr (VI) with sulfur dioxide radical: Mechanism, kinetic and energy consumption and sludge survey. <i>Optik</i> , 2020, 218, 164983.	1.4	0
23	Sonophotocatalytic treatment of AB113 dye and real textile wastewater using ZnO/persulfate: Modeling by response surface methodology and artificial neural network. <i>Environmental Research</i> , 2020, 184, 109367.	3.7	109
24	The catalytic ozonation of diazinon using nano-MgO@CNT@Gr as a new heterogenous catalyst: the optimization of effective factors by response surface methodology. <i>RSC Advances</i> , 2020, 10, 7718-7731.	1.7	22
25	Survey of Magneto-tactic Properties of Escherichia coli Under Static Magnetic Fields. <i>Avicenna Journal of Environmental Health Engineering</i> , 2020, 7, 14-19.	0.3	1
26	Taguchi Optimization of Catalytic Ozonation Process Using Modified Bone Char Ash for Removal of Methylene Blue from Aqueous Solution. <i>Avicenna Journal of Environmental Health Engineering</i> , 2020, 7, 66-71.	0.3	1
27	Evaluation of zeolite supported bimetallic nanoparticles of zero-valent iron and copper (ZnZVI/Cu) in the presence of ultrasonic for simultaneous removal of nitrate and total coliforms from aqueous solutions: optimization and modeling with response surface methodology. <i>Toxin Reviews</i> , 2019, , 1-13.	1.5	4
28	Removal of 2,4 dichlorophenol using microwave assisted nanoscale zero-valent copper activated persulfate from aqueous solutions: Mineralization, kinetics, and degradation pathways. <i>Journal of Molecular Liquids</i> , 2019, 296, 111873.	2.3	26
29	Catalytic ozonation of industrial textile wastewater using modified C-doped MgO eggshell membrane powder. <i>Advanced Powder Technology</i> , 2019, 30, 1297-1311.	2.0	35
30	Optimized synthesis of carbon-doped nano-MgO and its performance study in catalyzed ozonation of humic acid in aqueous solutions: Modeling based on response surface methodology. <i>Journal of Environmental Management</i> , 2019, 239, 198-210.	3.8	24
31	Parameter optimization and degradation mechanism for electrocatalytic degradation of 2,4-dichlorophenoxyacetic acid (2,4-D) herbicide by lead dioxide electrodes. <i>RSC Advances</i> , 2019, 9, 5064-5075.	1.7	62
32	Electrochemical process for 2,4-D herbicide removal from aqueous solutions using stainless steel 316 and graphite Anodes: optimization using response surface methodology. <i>Separation Science and Technology</i> , 2019, 54, 478-493.	1.3	48
33	Efficient fluoride removal by preparation, characterization of pyrolysis bone: Mixed level design experiment and Taguchi L8 orthogonal array optimization. <i>Journal of Molecular Liquids</i> , 2019, 275, 251-264.	2.3	33
34	The Assessment of Trihalomethanes Concentrations in Drinking Water of Hamadan and Tuyserkan Cities, Western Iran and Its Health Risk on the Exposed Population. <i>Journal of Research in Health Sciences</i> , 2019, 19, e00441.	0.9	1
35	Occurrence, distribution, and potential sources of antibiotics pollution in the water-sediment of the northern coastline of the Persian Gulf, Iran. <i>Science of the Total Environment</i> , 2018, 627, 703-712.	3.9	150
36	Comparative study of sun-dried and oven-dried Malva sylvestris biomass for high-rate Cu(II) removal from wastewater. <i>Chemical Engineering Research and Design</i> , 2018, 116, 61-73.	2.7	23

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37	UVA-LED assisted persulfate/nZVI and hydrogen peroxide/nZVI for degrading 4-chlorophenol in aqueous solutions. Korean Journal of Chemical Engineering, 2018, 35, 694-701.	1.2	14
38	Data on modeling of enzymatic elimination of Direct Red 81 using Response Surface Methodology. Data in Brief, 2018, 18, 80-86.	0.5	22
39	Data on corrosive water in the sources and distribution network of drinking water in north of Iran. Data in Brief, 2018, 17, 105-118.	0.5	11
40	Experimental dataset on acid treated eggshell for removing cyanide ions from synthetic and industrial wastewaters. Data in Brief, 2018, 16, 442-452.	0.5	7
41	Electrodegradation of 2,4-dichlorophenoxyacetic acid herbicide from aqueous solution using three-dimensional electrode reactor with G/I^2 -PbO ₂ anode: Taguchi optimization and degradation mechanism determination. RSC Advances, 2018, 8, 39256-39268.	1.7	58
42	Microwave/Hydrogen Peroxide Processes. , 2018, , 215-255.		7
43	Direct Blue 71 removal from aqueous solution by laccase-mediated system; A dataset. Data in Brief, 2018, 19, 437-443.	0.5	14
44	A comparative study on the removal of pentachlorophenol using copper-impregnated pumice and zeolite. Journal of Environmental Chemical Engineering, 2018, 6, 3342-3348.	3.3	13
45	Photocatalytic removal of cefazolin from aqueous solution by AC prepared from mango seed+ZnO under UV irradiation. Global Nest Journal, 2018, 20, 399-407.	0.3	32
46	Carbon Modified Pumice as a New Adsorbent for the Rapid Removal of Fluoride Ions From Aqueous Phase. Avicenna Journal of Environmental Health Engineering, 2018, 5, 56-66.	0.3	0
47	Catalytic ozonation of pentachlorophenol in aqueous solutions using granular activated carbon. Applied Water Science, 2017, 7, 393-400.	2.8	14
48	Modelling of moving bed biofilm reactor (MBBR) efficiency on hospital wastewater (HW) treatment: a comprehensive analysis on BOD and COD removal. International Journal of Environmental Science and Technology, 2017, 14, 841-852.	1.8	23
49	Preparation and catalytic activity of bone-char ash decorated with MgO - FeNO ₃ for ozonation of reactive black 5 dye from aqueous solution: Taguchi optimization data. Data in Brief, 2017, 13, 132-136.	0.5	10
50	Catalytic ozonation of ethyl benzene using modified pumice with magnesium nitrate from polluted air. International Journal of Environmental Studies, 2017, 74, 486-499.	0.7	4
51	Electrodegradation of tetracycline using stainless steel net electrodes: Screening of main effective parameters and interactions by means of a two-level factorial design. Korean Journal of Chemical Engineering, 2017, 34, 2999-3008.	1.2	22
52	Evaluation of Autothermal Thermophilic Aerobic Digester Performance for the Stabilization of Municipal Wastewater Sludge. Pakistan Journal of Biological Sciences, 2017, 20, 260-266.	0.2	6
53	REMOVAL OF TURBIDITY AND HUMIC ACIDS USING CHITOSAN AS A COAGULANT AID: MODELING WITH ARTIFICIAL NEURAL NETWORK. Environmental Engineering and Management Journal, 2017, 16, 31-38.	0.2	0
54	The Use of Acid-Washed Iron/Aluminum Mixture in Permeable Reactive Barrier for the Elimination of Different Heavy Metal Ions From Water. Avicenna Journal of Environmental Health Engineering, 2017, 4, 29-34.	0.3	0

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55	Taguchi optimization for the removal of high concentrations of phenol from saline wastewater using electro-Fenton process. <i>Desalination and Water Treatment</i> , 2016, 57, 27331-27338.	1.0	16
56	Removal of phenol at high concentrations using UV/Persulfate from saline wastewater. <i>Desalination and Water Treatment</i> , 2016, 57, 19988-19995.	1.0	29
57	The Potential of <i>Sargassum oligocystum</i> Harvested From Persian Gulf for the Adsorption of Copper Ions From Aqueous Solutions. <i>Avicenna Journal of Environmental Health Engineering</i> , 2015, 2, .	0.3	0
58	Phenol disgreace via Periodate in integrating by using Supersonic Radiation. <i>Journal of Medicine and Life</i> , 2015, 8, 233-237.	0.4	1
59	Removal of a cationic dye from wastewater during purification by <i>Phoenix dactylifera</i> . <i>Desalination and Water Treatment</i> , 2014, 52, 7354-7365.	1.0	35
60	Abatement of Cr (VI) from wastewater using a new adsorbent, cantaloupe peel: Taguchi L16 orthogonal array optimization. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 2207-2214.	1.2	47
61	Pentachlorophenol removal from aqueous solutions by microwave/persulfate and microwave/H ₂ O ₂ : a comparative kinetic study. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 94.	1.4	21
62	Catalytic Potential of Nano-Magnesium Oxide on Degradation of Humic Acids From Aquatic Solutions. <i>Avicenna Journal of Environmental Health Engineering</i> , 2014, 1, .	0.3	3
63	Microwave/H ₂ O ₂ efficiency in pentachlorophenol removal from aqueous solutions. <i>Journal of Research in Health Sciences</i> , 2014, 14, 36-9.	0.9	2
64	Heavy metals concentration in vegetables irrigated with contaminated and fresh water and estimation of their daily intakes in suburb areas of Hamadan, Iran. <i>Journal of Research in Health Sciences</i> , 2014, 14, 69-74.	0.9	2
65	Performance catalytic ozonation over the carbosieve in the removal of toluene from waste air stream. <i>Journal of Research in Health Sciences</i> , 2014, 14, 227-32.	0.9	10
66	Investigation on the pyrolysis of cow bone as a catalyst for ozone aqueous decomposition: Kinetic approach. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 99, 149-154.	2.6	38
67	High potential for the formation of haloacetic acids in the Karoon River water in Iran. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 3711-3720.	1.3	10
68	Abatement of Azo Dye from Wastewater Using Bimetal-Chitosan. <i>Scientific World Journal</i> , The, 2013, 2013, 1-10.	0.8	42
69	Cr (VI) adsorption from aqueous solution using a surfactant-modified Iranian zeolite: characterization, optimization, and kinetic approach. <i>Desalination and Water Treatment</i> , 2013, 51, 6009-6020.	1.0	44
70	Adsorption of phenol from aqueous solution by modified zeolite with FeCl ₃ . <i>International Journal of Environmental Health Engineering</i> , 2013, 2, 6.	0.4	4
71	The investigation of humic acid adsorption from aqueous solutions onto modified pumice with hexadecyl trimethyl ammonium bromide. <i>International Journal of Environmental Health Engineering</i> , 2013, 2, 20.	0.4	5
72	Application of several advanced oxidation processes for degradation of 4-chlorophenol from aqueous solution. <i>International Journal of Environmental Health Engineering</i> , 2013, 2, 38.	0.4	4

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73	Preparation of an adsorbent from pumice stone and its adsorption potential for removal of toxic recalcitrant contaminants. <i>Journal of Research in Health Sciences</i> , 2013, 13, 53-7.	0.9	2
74	The investigation of kinetic and isotherm of fluoride adsorption onto functionalize pumice stone. <i>Journal of Hazardous Materials</i> , 2012, 217-218, 123-132.	6.5	157
75	4-Chlorophenol degradation with modified domestic microwave and hydrogen peroxide in aqueous solution. <i>International Journal of Environmental Health Engineering</i> , 2012, 1, 46.	0.4	4
76	Kinetic and isotherm of hexavalent chromium adsorption onto nano hydroxyapatite. <i>Journal of Research in Health Sciences</i> , 2012, 12, 45-53.	0.9	10
77	Catalytic ozonation of phenol using copper coated pumice and zeolite as catalysts. <i>Journal of Research in Health Sciences</i> , 2012, 12, 93-7.	0.9	7
78	Adsorption kinetics and isotherm of methylene blue and its removal from aqueous solution using bone charcoal. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2011, 102, 127-142.	0.8	73
79	Degradation of humic acids through heterogeneous catalytic ozonation with bone charcoal. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2010, 100, 471.	0.8	14
80	Bis(2-ethylhexyl) phthalate inhibition on aerobic flocculent and granular sludge in the treatment of landfill leachate: a comparative study. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	1
81	Performance of direct filtration with multi-media filters for reuse of wastewater treatment plant effluent: a case study. <i>Baharan industrial wastewater treatment plant</i> , 0, 229, 31-39.		1
82	Removal of 2, 4-dichlorophenol from aqueous solution using ultrasonic/H ₂ O ₂ . , 0, 75, 189-194.		5
83	Aniline degradation from aqueous solution using electro/Fe ²⁺ /peroxydisulfate process. , 0, 80, 337-343.		7
84	Degradation of imidacloprid pesticide in aqueous solution using an eco-friendly electrochemical process. , 0, 86, 150-157.		5
85	Cyanide adsorption from aqueous solution using mesoporous zeolite modified by cetyltrimethylammonium bromide surfactant. , 0, 97, 285-294.		6
86	Removing amoxicillin antibiotic from aqueous solutions by <i>Saccharomyces cerevisiae</i> yeast bioadsorbent: kinetic, thermodynamic and isotherm studies. , 0, 152, 306-315.		30
87	Synthesis and application of iron/copper bimetallic nanoparticles doped natural zeolite composite coupled with ultrasound for removal of arsenic (III) from aqueous solutions. , 0, 161, 343-353.		5
88	Bisphenol S degradation using Fe-SBA-15/UV/US/peroxymonosulfate: performance optimization, biodegradability, mineralization and toxicity studies. , 0, 163, 297-309.		6
89	Monitoring and health risk assessment of fluoride in drinking water in Babol, Mazandaran Province, Iran. , 0, 165, 141-147.		4
90	Degradation of CEX antibiotic from aqueous environment by US/S ₂ O ₈ ²⁻ /NiO process: optimization using Taguchi method and kinetic studies. , 0, 171, 444-455.		20

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91	Catalytic ozonation assisted by rGO/C-MgO in the degradation of humic acid from aqueous solution: modeling and optimization by response surface methodology, kinetic study. , 0, 174, 215-229.		4
92	Photocatalytic degradation of metronidazole (MNZ) antibiotic in aqueous media using copper oxide nanoparticles activated by H ₂ O ₂ /UV process: Biodegradability and kinetic studies. , 0, 193, 369-380.		32
93	The efficiency of catalytic ozonation using carbosieve in xylene removal from waste air stream. , 0, 74, 289-295.		0
94	Corrigendum to "Synthesis and application of iron/copper bimetallic nanoparticles doped natural zeolite composite coupled with ultrasound for removal of arsenic(III) from aqueous solutions" published in vol. 161 (2019) pp. 343-353 (doi:10.5004/dwt.2019.24325). , 0, 162, 402-402.		0
95	Optimization of hydrogen peroxide/NiO nanoparticle photocatalytic process by degrading cephalixin from aqueous solution using Taguchi method: mineralization, mechanism and pathway. , 0, 201, 323-337.		3
96	Performance of heterogeneous catalytic ozonation process using Al ₂ O ₃ nanoparticles in dexamethasone removal from aqueous solutions. , 0, 189, 296-304.		3
97	Application of synthesized Mn ₃ O ₄ nanoparticle in Mn ₃ O ₄ /H ₂ O ₂ and Mn ₃ O ₄ /H ₃ K ₅ O ₁₈ S ₄ processes for polyvinyl alcohol (PVA) removal from aqueous solution. , 0, 189, 243-249.		1
98	Application of carbon-doped nano-magnesium oxide for catalytic ozonation of real textile wastewater: fractional factorial design and optimization. , 0, 175, 79-89.		3
99	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
100	Characterisation, modeling, and optimisation of acid blue 113 dye degradation from aqueous media via catalytic ozonation using NH ₂ -modified MIL-68 (Al) composite nano sorbent. International Journal of Environmental Analytical Chemistry, 0, , 1-15.	1.8	2