

Nemat Jaafarzadeh

List of Publications by Year in descending order

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133
papers

6,336
citations

66343
42
h-index

74163
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135
all docs

135
docs citations

135
times ranked

7053
citing authors

#	ARTICLE	IF	CITATIONS
1	Carcinogenic risk assessment of nitrate contamination of drinking water resources in South Provinces of Iran. <i>International Journal of Environmental Analytical Chemistry</i> , 2024, 104, 251-260.	3.3	2
2	Determination and seasonal analysis of physicochemical characterization and metal(oid)s of landfill leachate in Bushehr port along the Persian Gulf. <i>Toxin Reviews</i> , 2023, 42, 161-175.	3.4	9
3	The emission of greenhouse gases from flare gas condensates of petroleum units and the climatic index of emberger in Southern Iran. <i>Petroleum Science and Technology</i> , 2023, 41, 1099-1112.	1.5	2
4	Determination and health risk assessment of heavy metals (Pb, Cd, Cu and Zn) in different brands of pasteurized milk. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 6892-6903.	3.3	11
5	Hybrid Sono-photocatalytic degradation of Acid Brown 14 Using Persulphate and ZnO Nanoparticles: Feasibility and kinetic Study. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 4882-4895.	3.3	9
6	Determining Active Agents, Stability, and Mechanism of Diazinon Degradation by Magnetic Copper Ferrite Nanoparticles and Potassium Hydrogen Monopersulfate in the Presence of Ozone in Aqueous Solutions. <i>Jundishapur Journal of Health Sciences</i> , 2022, 14, .	0.2	0
7	Non-carcinogenic risk assessment of Cr and Pb in vegetables grown in the industrial area in the southwest of Iran using Monte Carlo Simulation approach. <i>International Journal of Environmental Research</i> , 2022, 16, 1.	2.3	4
8	Occurrence, seasonal distribution, and ecological risk assessment of microplastics and phthalate esters in leachates of a landfill site located near the marine environment: Bushehr port, Iran as a case. <i>Science of the Total Environment</i> , 2022, 842, 156838.	8.0	85
9	A systematic review of emerging human coronavirus (SARS-CoV-2) outbreak: focus on disinfection methods, environmental survival, and control and prevention strategies. <i>Environmental Science and Pollution Research</i> , 2021, 28, 1-15.	5.3	245
10	A systematic review of possible airborne transmission of the COVID-19 virus (SARS-CoV-2) in the indoor air environment. <i>Environmental Research</i> , 2021, 193, 110612.	7.5	167
11	Urban street dust in the Middle East oldest oil refinery zone: Oxidative potential, source apportionment and health risk assessment of potentially toxic elements. <i>Chemosphere</i> , 2021, 268, 128825.	8.2	20
12	Characterization of the biosurfactant produced by <i>Pseudomonas aeruginosa</i> strain R4 and its application for remediation pyrene-contaminated soils. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 445-456.	3.0	5
13	Source and risk assessment of heavy metals and microplastics in bivalves and coastal sediments of the Northern Persian Gulf, Hormozgan Province. <i>Environmental Research</i> , 2021, 196, 110963.	7.5	47
14	Vulnerability mapping and risk analysis of sand and dust storms in Ahvaz, IRAN. <i>Environmental Pollution</i> , 2021, 279, 116859.	7.5	34
15	Provision of extended producer responsibility system for products packaging: A case study of Iran. <i>Waste Management and Research</i> , 2021, 39, 1291-1301.	3.9	5
16	The possible oxidative stress and DNA damage induced in Diclofenac-exposed Non-target organisms in the aquatic environment: A systematic review. <i>Ecological Indicators</i> , 2021, 131, 108172.	6.3	15
17	Adoption of sustainable solid waste management and treatment approaches: A case study of Iran. <i>Waste Management and Research</i> , 2021, 39, 975-984.	3.9	6
18	The environmental performance of four municipal solid waste management scenarios: A life cycle assessment study. <i>Environmental Quality Management</i> , 2021, 31, 77-84.	1.9	7

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19	Herbicide Residues in Water Resources: A Scoping Review. <i>Avicenna Journal of Environmental Health Engineering</i> , 2021, 8, 126-133.	0.6	3
20	Improved performance of immobilized TiO ₂ under visible light for the commercial surfactant degradation: Role of carbon doped TiO ₂ and anatase/rutile ratio. <i>Catalysis Today</i> , 2020, 348, 277-289.	4.4	39
21	Effective treatment of high-salinity landfill leachate using ultraviolet/ultrasonication/peroxymonosulfate system. <i>Waste Management</i> , 2020, 118, 591-599.	7.4	41
22	Spatial distribution, ecological and health risk assessment and source identification of atrazine in Shadegan international wetland, Iran. <i>Marine Pollution Bulletin</i> , 2020, 160, 111569.	5.0	25
23	Relationship between the number of hospitalized cardiovascular and respiratory disease and the average concentration of criteria air pollutants (CAP) in Ahvaz. <i>Environmental Geochemistry and Health</i> , 2020, 42, 3317-3331.	3.4	7
24	Potential of Producing Compost from Source-Separated Municipal Organic Waste (A Case Study in) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.2	10
25	Remediation of oily sludge wastes using biosurfactant produced by bacterial isolate <i>Pseudomonas balearica</i> strain Z8. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 531-539.	3.0	11
26	Environmental exposure to nonylphenol and cancer progression Riskâ€A systematic review. <i>Environmental Research</i> , 2020, 184, 109263.	7.5	50
27	Optimization and genetic programming modeling of humic acid adsorption onto prepared activated carbon and modified by multi-wall carbon nanotubes. <i>Polyhedron</i> , 2020, 179, 114354.	2.2	18
28	Health and safety hazards identification and risk assessment in the swimming pools using combined HAZID and ALARP. <i>Environmental Health Engineering and Management</i> , 2020, 7, 151-160.	0.7	3
29	Transmission Routes of COVID-19 Through Air, Water and Wastewater: A Systematic Review. <i>Avicenna Journal of Environmental Health Engineering</i> , 2020, 7, 109-117.	0.6	0
30	Remediation of PAHs contaminated soil using a sequence of soil washing with biosurfactant produced by <i>Pseudomonas aeruginosa</i> strain PF2 and electrokinetic oxidation of desorbed solution, effect of electrode modification with Fe ₃ O ₄ nanoparticles. <i>Journal of Hazardous Materials</i> , 2019, 379, 120839.	12.4	55
31	Development of salt-tolerant microbial consortium during the treatment of saline bisphenol A-containing wastewater: Removal mechanisms and microbial characterization. <i>Journal of Water Process Engineering</i> , 2019, 32, 100949.	5.6	12
32	Metal(loid)s urinary level among workers of gas refinery and petrochemical companies: Health risk assessment of metal(loid)s in drinking water and dust. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 54, 183-190.	3.0	16
33	Magnetic titanium/carbon nanotube nanocomposite catalyst for oxidative degradation of Bisphenol A from high saline polycarbonate plant effluent using catalytic wet peroxide oxidation. <i>Chemical Engineering Journal</i> , 2019, 370, 372-386.	12.7	50
34	Life cycle assessment for municipal solid waste management: a case study from Ahvaz, Iran. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 131.	2.7	22
35	Adsorption of textile dye in activated carbons prepared from DVD and CD wastes modified with multi-wall carbon nanotubes: Equilibrium isotherms, kinetics and thermodynamic study. <i>Chemical Engineering Research and Design</i> , 2019, 141, 290-301.	5.6	49
36	Organic dye degradation through peroxymonosulfate catalyzed by reusable graphite felt/ferriferrous oxide: Mechanism and identification of intermediates. <i>Materials Research Bulletin</i> , 2019, 111, 43-52.	5.2	106

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37	Distribution and potential health impacts of microplastics and microrubbers in air and street dusts from Asaluyeh County, Iran. <i>Environmental Pollution</i> , 2019, 244, 153-164.	7.5	434
38	Biodegradation of high saline petrochemical wastewater by novel isolated halotolerant bacterial strains using integrated powder activated carbon/activated sludge bioreactor. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, 13088.	2.3	9
39	Evaluation of lead and cadmium concentrations in lipstick and eye pencil cosmetics. <i>Environmental Health Engineering and Management</i> , 2019, 6, 277-282.	0.7	13
40	Coupling electrooxidation and Oxone for degradation of 2,4-Dichlorophenoxyacetic acid (2,4-D) from aqueous solutions. <i>Journal of Water Process Engineering</i> , 2018, 22, 203-209.	5.6	58
41	The visible-light photodegradation of nonylphenol in the presence of carbon-doped TiO ₂ with rutile/anatase ratio coated on GAC: Effect of parameters and degradation mechanism. <i>Journal of Hazardous Materials</i> , 2018, 350, 108-120.	12.4	76
42	The possible DNA damage induced by environmental organic compounds: The case of Nonylphenol. <i>Ecotoxicology and Environmental Safety</i> , 2018, 158, 171-181.	6.0	36
43	Photodegradation of Acid red 18 dye by BiOI/ZnO nanocomposite: A dataset. <i>Data in Brief</i> , 2018, 16, 608-611.	1.0	7
44	Combination of UVC-LEDs and ultrasound for peroxymonosulfate activation to degrade synthetic dye: influence of promotional and inhibitory agents and application for real wastewater. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6003-6014.	5.3	110
45	Experimental study of the effect of material and arrangement of electrodes and voltage on the electro-remediation of saturated clays containing chloride and sulfate ions. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	4
46	Qualitative and health-related evaluation of point-of-use water treatment equipment performance in three cities of Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2018, 16, 265-275.	3.0	5
47	Removal of vanadium and palladium ions by adsorption onto magnetic chitosan nanoparticles. <i>Environmental Science and Pollution Research</i> , 2018, 25, 34262-34276.	5.3	73
48	Enhanced degradation of Bisphenol A from high saline polycarbonate plant wastewater using wet air oxidation. <i>Chemical Engineering Research and Design</i> , 2018, 120, 321-330.	5.6	35
49	Data on photo-catalytic degradation of 4-chlorophenol from aqueous solution using UV/ZnO/persulfate. <i>Data in Brief</i> , 2018, 20, 582-586.	1.0	7
50	Degradation of organic pollutants by photoelectro-peroxone/ZVI process: Synergistic, kinetic and feasibility studies. <i>Journal of Environmental Management</i> , 2018, 228, 32-39.	7.8	78
51	Performance evaluation of waste stabilization ponds on removal of <i>Listeria</i> spp.: a case study of Isfahan, Iran. <i>Journal of Water and Health</i> , 2018, 16, 614-621.	2.6	4
52	A novel salt-tolerant bacterial consortium for biodegradation of saline and recalcitrant petrochemical wastewater. <i>Journal of Environmental Management</i> , 2017, 191, 198-208.	7.8	73
53	Synthesis of chitosan zero-valent iron nanoparticles-supported for cadmium removal: characterization, optimization and modeling approach. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2017, 66, 116-130.	1.4	78
54	Optimal Wastewater Loading under Conflicting Goals and Technology Limitations in a Riverine System. <i>Water Environment Research</i> , 2017, 89, 211-220.	2.7	3

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55	Efficient degradation of 2,4-dichlorophenoxyacetic acid by peroxymonosulfate/magnetic copper ferrite nanoparticles/ozone: A novel combination of advanced oxidation processes. Chemical Engineering Journal, 2017, 320, 436-447.	12.7	241
56	Oxidative degradation of aniline and benzotriazole over PAC@FeII/Fe2III/O4: A recyclable catalyst in a heterogeneous photo-Fenton-like system. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 336, 42-53.	3.9	55
57	Catalytic ozonation of high saline petrochemical wastewater using PAC@Fe II Fe 2 III O 4 : Optimization, mechanisms and biodegradability studies. Separation and Purification Technology, 2017, 177, 293-303.	7.9	92
58	Thermally activated persulfate treatment and mineralization of a recalcitrant high TDS petrochemical wastewater. Polish Journal of Chemical Technology, 2017, 19, 72-77.	0.5	10
59	Development of maghemite nanoparticles supported on cross-linked chitosan ($\text{Fe}_3\text{O}_4/\text{CS}$) as a recoverable mesoporous magnetic composite for effective heavy metals removal. Journal of Molecular Liquids, 2017, 248, 184-196.	4.9	81
60	Pollution load index for heavy metals in Mian-Ab plain soil, Khuzestan, Iran. Data in Brief, 2017, 15, 584-590.	1.0	63
61	Enhanced Sono-Fenton-Like Oxidation of PAH-Contaminated Soil Using Nano-Sized Magnetite as Catalyst: Optimization with Response Surface Methodology. Soil and Sediment Contamination, 2017, 26, 538-557.	1.9	28
62	Electrokinetic treatment of high saline petrochemical wastewater: Evaluation and scale-up. Journal of Environmental Management, 2017, 204, 221-229.	7.8	37
63	Zoning of heavy metal concentrations including Cd, Pb and As in agricultural soils of Aghili plain, Khuzestan province, Iran. Data in Brief, 2017, 14, 20-27.	1.0	23
64	UV-LEDs assisted peroxymonosulfate/ Fe^{2+} for oxidative removal of carmoisine: The effect of chloride ion. Korean Journal of Chemical Engineering, 2017, 34, 2154-2161.	2.7	64
65	Graphite-supported CuO catalyst for heterogeneous peroxymonosulfate activation to oxidize Direct Orange 26: the effect of influential parameters. Research on Chemical Intermediates, 2017, 43, 4623-4637.	2.7	25
66	Measurement the significant heavy metals of Petroleum Desalination Influent in an Iranian on-shore desalination plant. Petroleum Science and Technology, 2017, 35, 681-686.	1.5	3
67	Photo assisted electro-peroxone to degrade 2,4-D herbicide: The effects of supporting electrolytes and determining mechanism. Chemical Engineering Research and Design, 2017, 111, 520-528.	5.6	63
68	Removal optimization of heavy metals from effluent of sludge dewatering process in oil and gas well drilling by nanofiltration. Journal of Environmental Management, 2017, 203, 151-156.	7.8	22
69	Experimental data on adsorption of Cr(VI) from aqueous solution using nanosized cellulose fibers obtained from rice husk. Data in Brief, 2017, 15, 887-895.	1.0	33
70	Integration of coagulation and electro-activated HSO $_5^{2-}$ to treat pulp and paper wastewater. Sustainable Environment Research, 2017, 27, 223-229.	4.2	51
71	Enhanced photocatalytic degradation of tetracycline and real pharmaceutical wastewater using MWCNT/TiO $_2$ nano-composite. Journal of Environmental Management, 2017, 186, 55-63.	7.8	301
72	Phytoremediation of Total Petroleum Hydrocarbons From Highly Saline and Clay Soil Using <i>Sorghum halepense</i> (L.) Pers. and <i>Aeluropus litoralis</i> (Guna) Parl. Soil and Sediment Contamination, 2017, 26, 127-140.	1.9	12

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73	Fenton-like catalytic oxidation of tetracycline by AC@Fe ₃ O ₄ as a heterogeneous persulfate activator: Adsorption and degradation studies. Journal of Industrial and Engineering Chemistry, 2017, 45, 323-333.	5.8	217
74	Efficient integrated processes for pulp and paper wastewater treatment and phytotoxicity reduction: Permanganate, electro-Fenton and Co ₃ O ₄ /UV/peroxymonosulfate. Chemical Engineering Journal, 2017, 308, 142-150.	12.7	86
75	Catalytic degradation of 2,4-dichlorophenoxyacetic acid (2,4-D) by nano-Fe ₂ O ₃ activated peroxymonosulfate: Influential factors and mechanism determination. Chemosphere, 2017, 169, 568-576.	8.2	169
76	Sono-assisted adsorption of a textile dye on milk vetch-derived charcoal supported by silica nanopowder. Journal of Environmental Management, 2017, 187, 111-121.	7.8	56
77	Adsorption of Cr(VI) by Natural Clinoptilolite Zeolite from Aqueous Solutions: Isotherms and Kinetics. Polish Journal of Chemical Technology, 2017, 19, 106-114.	0.5	27
78	Selecting Sustainability Indicators for Small to Medium Sized Urban Water Systems Using Fuzzy ELECTRE. Water Environment Research, 2017, 89, 238-249.	2.7	26
79	Kinetic studies on the removal of phenol by MBBR from saline wastewater. Journal of Environmental Health Science & Engineering, 2017, 15, 22.	3.0	8
80	EFFECT OF PRETREATMENT ON Ceratophyllum demersum FOR ENHANCED BIOSORPTION OF Cr(VI) AND Cd(II). Environmental Engineering and Management Journal, 2017, 16, 459-469.	0.6	1
81	Enhanced Photocatalytic Degradation and Mineralization of Furfural Using UVC/TiO ₂ /GAC Composite in Aqueous Solution. International Journal of Photoenergy, 2016, 2016, 1-10.	2.5	26
82	Efficiency investigation of photo-Fenton process in removal of sodium dodecyl sulphate from aqueous solutions. Desalination and Water Treatment, 2016, 57, 24444-24449.	1.0	13
83	Enhanced coagulation-photocatalytic treatment of Acid red 73 dye and real textile wastewater using UVA/synthesized MgO nanoparticles. Journal of Environmental Management, 2016, 177, 111-118.	7.8	137
84	Combined electrocoagulation and UV-based sulfate radical oxidation processes for treatment of pulp and paper wastewater. Chemical Engineering Research and Design, 2016, 102, 462-472.	5.6	84
85	A novel catalytic process for degradation of bisphenol A from aqueous solutions: A synergistic effect of nano-Fe ₃ O ₄ @Alg-Fe on O ₃ /H ₂ O ₂ . Chemical Engineering Research and Design, 2016, 104, 413-421.	5.6	46
86	Contamination level and human health hazard assessment of heavy metals and polycyclic aromatic hydrocarbons (PAHs) in street dust deposited in Mahshahr, southwest of Iran. Human and Ecological Risk Assessment (HERA), 2016, 22, 1726-1748.	3.4	45
87	Oil spill sorption using raw and acetylated sugarcane bagasse. Journal of Central South University, 2016, 23, 1618-1625.	3.0	31
88	Optimizing COD removal from greywater by photoelectro-persulfate process using Box-Behnken design: assessment of effluent quality and electrical energy consumption. Environmental Science and Pollution Research, 2016, 23, 19350-19361.	5.3	63
89	Photoperoxi-coagulation using activated carbon fiber cathode as an efficient method for benzotriazole removal from aqueous solutions: Modeling, optimization and mechanism. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 322-323, 85-94.	3.9	44
90	Adsorption of chromium(VI) from saline wastewater using spent tea-supported magnetite nanoparticle. Desalination and Water Treatment, 2016, 57, 12244-12256.	1.0	13

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91	Application of Fe ₃ O ₄ @C catalyzing heterogeneous UV-Fenton system for tetracycline removal with a focus on optimization by a response surface method. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 314, 178-188.	3.9	147
92	Photocatalysis assisted by peroxymonosulfate and persulfate for benzotriazole degradation: effect of pH on sulfate and hydroxyl radicals. Water Science and Technology, 2015, 72, 2095-2102.	2.5	79
93	Kinetics of substrate utilization and bacterial growth of crude oil degraded by Pseudomonas aeruginosa. Journal of Environmental Health Science & Engineering, 2015, 13, 64.	3.0	13
94	CFD modeling of incinerator to increase PCBs removal from outlet gas. Journal of Environmental Health Science & Engineering, 2015, 13, 60.	3.0	9
95	Synthesis, performance, and nonlinear modeling of modified nano-sized magnetite for removal of Cr(VI) from aqueous solutions. Desalination and Water Treatment, 2015, 53, 768-777.	1.0	24
96	Efficient Degradation of a Biorecalcitrant Pollutant from Wastewater Using a Fluidized Catalyst-Bed Reactor. Chemical Engineering Communications, 2015, 202, 1118-1129.	2.6	22
97	Photo-electro-oxidation assisted peroxymonosulfate for decolorization of acid brown 14 from aqueous solution. Korean Journal of Chemical Engineering, 2015, 32, 458-464.	2.7	51
98	Determination of mercury and vanadium concentration in Johnius belangerii (C) fish in Musa estuary in Persian Gulf. Marine Pollution Bulletin, 2015, 97, 499-505.	5.0	30
99	Powder activated carbon/Fe ₃ O ₄ hybrid composite as a highly efficient heterogeneous catalyst for Fenton oxidation of tetracycline: degradation mechanism and kinetic. RSC Advances, 2015, 5, 84718-84728.	3.6	61
100	Ecological and human health hazards of heavy metals and polycyclic aromatic hydrocarbons (PAHs) in road dust of Isfahan metropolis, Iran. Science of the Total Environment, 2015, 505, 712-723.	8.0	392
101	Effect of bioaugmentation to enhance phytoremediation for removal of phenanthrene and pyrene from soil with Sorghum and Onobrychis sativa. Journal of Environmental Health Science & Engineering, 2014, 12, 24.	3.0	26
102	Removal of dichloromethane from waste gas streams using a hybrid bubble column/biofilter bioreactor. Journal of Environmental Health Science & Engineering, 2014, 12, 22.	3.0	7
103	Relationship between benthic macroinvertebrate bio-indices and physicochemical parameters of water: a tool for water resources managers. Journal of Environmental Health Science & Engineering, 2014, 12, 30.	3.0	13
104	Sludge characterization of an industrial water treatment plant, Iran. Desalination and Water Treatment, 2014, 52, 5306-5316.	1.0	3
105	Methodology for modeling of city sustainable development based on fuzzy logic: a practical case. Journal of Integrative Environmental Sciences, 2014, 11, 71-91.	2.5	7
106	A geochemical survey of heavy metals in agricultural and background soils of the Isfahan industrial zone, Iran. Catena, 2014, 121, 88-98.	5.0	144
107	BIOSORPTION OF CADMIUM (II) FROM AQUEOUS SOLUTION BY NaCl-TREATED Ceratophyllum demersum. Environmental Engineering and Management Journal, 2014, 13, 763-773.	0.6	4
108	Dichloromethane emissions from automotive manufacturing industry in Iran: case study of the SAIPA automotive manufacturing company. Toxicological and Environmental Chemistry, 2013, 95, 757-764.	1.2	7

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109	Application and kinetic evaluation of upflow anaerobic biofilm reactor for nitrogen removal from wastewater by Anammox process. Iranian Journal of Environmental Health Science & Engineering, 2013, 10, 20.	1.8	16
110	Acute toxicity test using cyanide on <i>Daphnia magna</i> by flow-through system. Journal of Water Chemistry and Technology, 2013, 35, 281-286.	0.6	9
111	Pyrene removal from contaminated soils by modified Fenton oxidation using iron nano particles. Journal of Environmental Health Science & Engineering, 2013, 11, 17.	3.0	49
112	Municipal solid waste landfill site selection with geographic information systems and analytical hierarchy process: a case study in Mahshahr County, Iran. Waste Management and Research, 2013, 31, 98-105.	3.9	96
113	Application of Biosurfactants Produced by <i>Pseudomonas aeruginosa</i> SP4 for Bioremediation of Soils Contaminated by Pyrene. Soil and Sediment Contamination, 2013, 22, 890-911.	1.9	42
114	Batch and column studies on the evaluation of micrometer and nanometer <i>Phragmites australis</i> for nitrate removal. Desalination and Water Treatment, 2013, 51, 5863-5872.	1.0	10
115	BIOSORPTION STUDIES ON NaCl-MODIFIED <i>CERATOPHYLLUM DEMERSUM</i> : REMOVAL OF TOXIC CHROMIUM FROM AQUEOUS SOLUTION. Chemical Engineering Communications, 2013, 200, 1394-1413.	2.6	7
116	Removal of Orthophosphate from Municipal Wastewater Using Chemical Precipitation Process in Ahvaz Wastewater Treatment Plant, Iran. Asian Journal of Chemistry, 2013, 25, 2565-2568.	0.3	10
117	Factorial experimental design application in modification of volcanic ash as a natural adsorbent with Fenton process for arsenic removal. Environmental Technology (United Kingdom), 2012, 33, 159-165.	2.2	31
118	Anaerobic biodegradation of methyl tert-butyl ether and tert-butyl alcohol in petrochemical wastewater. Environmental Technology (United Kingdom), 2012, 33, 1937-1943.	2.2	7
119	Predicting Fenton modification of solid waste vegetable oil industry for arsenic removal using artificial neural networks. Journal of the Taiwan Institute of Chemical Engineers, 2012, 43, 873-878.	5.3	20
120	Sludge reduction by <i>lumbriculus variegatus</i> in Ahvas wastewater treatment plant. Iranian Journal of Environmental Health Science & Engineering, 2012, 9, 4.	1.8	8
121	Treatment of phenol-formaldehyde resin manufacturing wastewater by the electrocoagulation process. Desalination and Water Treatment, 2012, 39, 176-181.	1.0	24
122	Efficiency of perlite as a low cost adsorbent applied to removal of Pb and Cd from paint industry effluent. Desalination and Water Treatment, 2011, 26, 243-249.	1.0	12
123	Rearrangement of membrane elements in the pressure vessels for optimum utilization of reverse osmosis process. Chemical Engineering Research and Design, 2011, 89, 48-54.	5.6	6
124	Statistical optimization of process conditions for photocatalytic degradation of phenol with immobilization of nano TiO ₂ on perlite granules. Korean Journal of Chemical Engineering, 2011, 28, 531-538.	2.7	29
125	Application of LECA modified with Fenton in arsenite and arsenate removal as an adsorbent. Desalination, 2011, 272, 212-217.	8.2	26
126	ADSORPTION OF Pb (II) FROM AQUEOUS SOLUTION ONTO LEWATIT FO36 NANO RESIN: EQUILIBRIUM AND KINETIC STUDIES. Environmental Engineering and Management Journal, 2011, 10, 1579-1587.	0.6	12

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127	Evaluation of biological landfill leachate treatment incorporating struvite precipitation and powdered activated carbon addition. Waste Management and Research, 2010, 28, 759-766.	3.9	17
128	Numerical modelling of heavy metals for riverine systems using a new approach to the source term in the ADE. Journal of Hydroinformatics, 2008, 10, 245-255.	2.4	11
129	Developing a master plan for hospital solid waste management: A case study. Waste Management, 2007, 27, 626-638.	7.4	86
130	Regional water quality management for the Karun?Dez River basin, Iran. Water and Environment Journal, 2007, 21, 192-199.	2.2	11
131	Heavy metals (Ni, Cr, Cu) in the Karoon waterway river, Iran. Toxicology Letters, 2004, 151, 63-67.	0.8	156
132	The effects of substrate type, HRT and reed on the lead removal in horizontal subsurface-flow constructed wetland. Desalination and Water Treatment, 0, , 1-11.	1.0	0
133	Photocatalytic degradation of ciprofloxacin by a novel visible light activated Ag ₂ O-AgI/TiO ₂ nanocomposite: Activity, kinetic, mineralization and continuous-flow stability test. International Journal of Environmental Analytical Chemistry, 0, , 1-20.	3.3	4