

# Nemat Jaafarzadeh

## List of Publications by Year in descending order

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Version: 2024-02-01

133  
papers

6,336  
citations

66234

42  
h-index

74018

75  
g-index

135  
all docs

135  
docs citations

135  
times ranked

7053  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.7	434
2	Ecological and human health hazards of heavy metals and polycyclic aromatic hydrocarbons (PAHs) in road dust of Isfahan metropolis, Iran. <i>Science of the Total Environment</i> , 2015, 505, 712-723.	3.9	392
3	Enhanced photocatalytic degradation of tetracycline and real pharmaceutical wastewater using MWCNT/TiO <sub>2</sub> nano-composite. <i>Journal of Environmental Management</i> , 2017, 186, 55-63.	3.8	301
4	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.	2.7	245
5	Efficient degradation of 2,4-dichlorophenoxyacetic acid by peroxymonosulfate/magnetic copper ferrite nanoparticles/ozon: A novel combination of advanced oxidation processes. <i>Chemical Engineering Journal</i> , 2017, 320, 436-447.	6.6	241
6	Fenton-like catalytic oxidation of tetracycline by AC@Fe <sub>3</sub> O <sub>4</sub> as a heterogeneous persulfate activator: Adsorption and degradation studies. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 45, 323-333.	2.9	217
7	Catalytic degradation of 2,4-dichlorophenoxyacetic acid (2,4-D) by nano-Fe <sub>2</sub> O <sub>3</sub> activated peroxymonosulfate: Influential factors and mechanism determination. <i>Chemosphere</i> , 2017, 169, 568-576.	4.2	169
8	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.	3.7	167
9	Heavy metals (Ni, Cr, Cu) in the Karoon waterway river, Iran. <i>Toxicology Letters</i> , 2004, 151, 63-67.	0.4	156
10	Application of Fe <sub>3</sub> O <sub>4</sub> @C catalyzing heterogeneous UV-Fenton system for tetracycline removal with a focus on optimization by a response surface method. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 314, 178-188.	2.0	147
11	A geochemical survey of heavy metals in agricultural and background soils of the Isfahan industrial zone, Iran. <i>Catena</i> , 2014, 121, 88-98.	2.2	144
12	Enhanced coagulation-photocatalytic treatment of Acid red 73 dye and real textile wastewater using UVA/synthesized MgO nanoparticles. <i>Journal of Environmental Management</i> , 2016, 177, 111-118.	3.8	137
13	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.	2.7	110
14	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.	2.7	106
15	Municipal solid waste landfill site selection with geographic information systems and analytical hierarchy process: a case study in Mahshahr County, Iran. <i>Waste Management and Research</i> , 2013, 31, 98-105.	2.2	96
16	Catalytic ozonation of high saline petrochemical wastewater using PAC@Fe II Fe <sub>2</sub> III O <sub>4</sub> : Optimization, mechanisms and biodegradability studies. <i>Separation and Purification Technology</i> , 2017, 177, 293-303.	3.9	92
17	Developing a master plan for hospital solid waste management: A case study. <i>Waste Management</i> , 2007, 27, 626-638.	3.7	86
18	Efficient integrated processes for pulp and paper wastewater treatment and phytotoxicity reduction: Permanganate, electro-Fenton and Co <sub>3</sub> O <sub>4</sub> /UV/peroxymonosulfate. <i>Chemical Engineering Journal</i> , 2017, 308, 142-150.	6.6	86

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19	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.	3.9	85
20	Combined electrocoagulation and UV-based sulfate radical oxidation processes for treatment of pulp and paper wastewater. <i>Chemical Engineering Research and Design</i> , 2016, 102, 462-472.	2.7	84
21	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. <i>Journal of Molecular Liquids</i> , 2017, 248, 184-196.	2.3	81
22	Photocatalysis assisted by peroxydisulfate and persulfate for benzotriazole degradation: effect of pH on sulfate and hydroxyl radicals. <i>Water Science and Technology</i> , 2015, 72, 2095-2102.	1.2	79
23	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.	0.6	78
24	Degradation of organic pollutants by photoelectro-peroxone/ZVI process: Synergistic, kinetic and feasibility studies. <i>Journal of Environmental Management</i> , 2018, 228, 32-39.	3.8	78
25	The visible-light photodegradation of nonylphenol in the presence of carbon-doped $\text{TiO}_2$ with rutile/anatase ratio coated on GAC: Effect of parameters and degradation mechanism. <i>Journal of Hazardous Materials</i> , 2018, 350, 108-120.	6.5	76
26	A novel salt-tolerant bacterial consortium for biodegradation of saline and recalcitrant petrochemical wastewater. <i>Journal of Environmental Management</i> , 2017, 191, 198-208.	3.8	73
27	Removal of vanadium and palladium ions by adsorption onto magnetic chitosan nanoparticles. <i>Environmental Science and Pollution Research</i> , 2018, 25, 34262-34276.	2.7	73
28	UV-LEDs assisted peroxydisulfate/ $\text{Fe}^{2+}$ for oxidative removal of carmoisine: The effect of chloride ion. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 2154-2161.	1.2	64
29	Optimizing COD removal from greywater by photoelectro-persulfate process using Box-Behnken design: assessment of effluent quality and electrical energy consumption. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19350-19361.	2.7	63
30	Pollution load index for heavy metals in Mian-Ab plain soil, Khuzestan, Iran. <i>Data in Brief</i> , 2017, 15, 584-590.	0.5	63
31	Photo assisted electro-peroxone to degrade 2,4-D herbicide: The effects of supporting electrolytes and determining mechanism. <i>Chemical Engineering Research and Design</i> , 2017, 111, 520-528.	2.7	63
32	Powder activated carbon/ $\text{Fe}_3\text{O}_4$ hybrid composite as a highly efficient heterogeneous catalyst for Fenton oxidation of tetracycline: degradation mechanism and kinetic. <i>RSC Advances</i> , 2015, 5, 84718-84728.	1.7	61
33	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.	2.6	58
34	Sono-assisted adsorption of a textile dye on milk vetch-derived charcoal supported by silica nanopowder. <i>Journal of Environmental Management</i> , 2017, 187, 111-121.	3.8	56
35	Oxidative degradation of aniline and benzotriazole over $\text{PAC}@Fe_3O_4$ : A recyclable catalyst in a heterogeneous photo-Fenton-like system. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 336, 42-53.	2.0	55
36	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 $\text{Fe}_3\text{O}_4$ nanoparticles. <i>Journal of Hazardous Materials</i> , 2019, 379, 120839.	6.5	55

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37	Photo-electro-oxidation assisted peroxy monosulfate for decolorization of acid brown 14 from aqueous solution. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 458-464.	1.2	51
38	Integration of coagulation and electro-activated H <sub>2</sub> O <sub>2</sub> to treat pulp and paper wastewater. <i>Sustainable Environment Research</i> , 2017, 27, 223-229.	2.1	51
39	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.	6.6	50
40	Environmental exposure to nonylphenol and cancer progression Risk: A systematic review. <i>Environmental Research</i> , 2020, 184, 109263.	3.7	50
41	Pyrene removal from contaminated soils by modified Fenton oxidation using iron nano particles. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2013, 11, 17.	1.4	49
42	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.	2.7	49
43	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.	3.7	47
44	A novel catalytic process for degradation of bisphenol A from aqueous solutions: A synergistic effect of nano-Fe <sub>3</sub> O <sub>4</sub> @Alg-Fe on O <sub>3</sub> /H <sub>2</sub> O <sub>2</sub> . <i>Chemical Engineering Research and Design</i> , 2016, 104, 413-421.	2.7	46
45	Contamination level and human health hazard assessment of heavy metals and polycyclic aromatic hydrocarbons (PAHs) in street dust deposited in Mahshahr, southwest of Iran. <i>Human and Ecological Risk Assessment (HERA)</i> , 2016, 22, 1726-1748.	1.7	45
46	Photoperoxi-coagulation using activated carbon fiber cathode as an efficient method for benzotriazole removal from aqueous solutions: Modeling, optimization and mechanism. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 322-323, 85-94.	2.0	44
47	Application of Biosurfactants Produced by <i>Pseudomonas aeruginosa</i> SP4 for Bioremediation of Soils Contaminated by Pyrene. <i>Soil and Sediment Contamination</i> , 2013, 22, 890-911.	1.1	42
48	Effective treatment of high-salinity landfill leachate using ultraviolet/ultrasonication/ peroxy monosulfate system. <i>Waste Management</i> , 2020, 118, 591-599.	3.7	41
49	Improved performance of immobilized TiO <sub>2</sub> under visible light for the commercial surfactant degradation: Role of carbon doped TiO <sub>2</sub> and anatase/rutile ratio. <i>Catalysis Today</i> , 2020, 348, 277-289.	2.2	39
50	Electrokinetic treatment of high saline petrochemical wastewater: Evaluation and scale-up. <i>Journal of Environmental Management</i> , 2017, 204, 221-229.	3.8	37
51	The possible DNA damage induced by environmental organic compounds: The case of Nonylphenol. <i>Ecotoxicology and Environmental Safety</i> , 2018, 158, 171-181.	2.9	36
52	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.	2.7	35
53	Vulnerability mapping and risk analysis of sand and dust storms in Ahvaz, IRAN. <i>Environmental Pollution</i> , 2021, 279, 116859.	3.7	34
54	Experimental data on adsorption of Cr(VI) from aqueous solution using nanosized cellulose fibers obtained from rice husk. <i>Data in Brief</i> , 2017, 15, 887-895.	0.5	33

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55	Factorial experimental design application in modification of volcanic ash as a natural adsorbent with Fenton process for arsenic removal. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 159-165.	1.2	31
56	Oil spill sorption using raw and acetylated sugarcane bagasse. <i>Journal of Central South University</i> , 2016, 23, 1618-1625.	1.2	31
57	Determination of mercury and vanadium concentration in <i>Johnius belangerii</i> (C) fish in Musa estuary in Persian Gulf. <i>Marine Pollution Bulletin</i> , 2015, 97, 499-505.	2.3	30
58	Statistical optimization of process conditions for photocatalytic degradation of phenol with immobilization of nano TiO <sub>2</sub> on perlite granules. <i>Korean Journal of Chemical Engineering</i> , 2011, 28, 531-538.	1.2	29
59	Enhanced Sono-Fenton-Like Oxidation of PAH-Contaminated Soil Using Nano-Sized Magnetite as Catalyst: Optimization with Response Surface Methodology. <i>Soil and Sediment Contamination</i> , 2017, 26, 538-557.	1.1	28
60	Adsorption of Cr(VI) by Natural Clinoptilolite Zeolite from Aqueous Solutions: Isotherms and Kinetics. <i>Polish Journal of Chemical Technology</i> , 2017, 19, 106-114.	0.3	27
61	Application of LECA modified with Fenton in arsenite and arsenate removal as an adsorbent. <i>Desalination</i> , 2011, 272, 212-217.	4.0	26
62	Effect of bioaugmentation to enhance phytoremediation for removal of phenanthrene and pyrene from soil with <i>Sorghum</i> and <i>Onobrychis sativa</i> . <i>Journal of Environmental Health Science &amp; Engineering</i> , 2014, 12, 24.	1.4	26
63	Enhanced Photocatalytic Degradation and Mineralization of Furfural Using UVC/TiO <sub>2</sub> /GAC Composite in Aqueous Solution. <i>International Journal of Photoenergy</i> , 2016, 2016, 1-10.	1.4	26
64	Selecting Sustainability Indicators for Small to Medium Sized Urban Water Systems Using Fuzzy ELECTRE. <i>Water Environment Research</i> , 2017, 89, 238-249.	1.3	26
65	Graphite-supported CuO catalyst for heterogeneous peroxymonosulfate activation to oxidize Direct Orange 26: the effect of influential parameters. <i>Research on Chemical Intermediates</i> , 2017, 43, 4623-4637.	1.3	25
66	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.	2.3	25
67	Treatment of phenol-formaldehyde resin manufacturing wastewater by the electrocoagulation process. <i>Desalination and Water Treatment</i> , 2012, 39, 176-181.	1.0	24
68	Synthesis, performance, and nonlinear modeling of modified nano-sized magnetite for removal of Cr(VI) from aqueous solutions. <i>Desalination and Water Treatment</i> , 2015, 53, 768-777.	1.0	24
69	Zoning of heavy metal concentrations including Cd, Pb and As in agricultural soils of Aghili plain, Khuzestan province, Iran. <i>Data in Brief</i> , 2017, 14, 20-27.	0.5	23
70	Efficient Degradation of a Biorecalcitrant Pollutant from Wastewater Using a Fluidized Catalyst-Bed Reactor. <i>Chemical Engineering Communications</i> , 2015, 202, 1118-1129.	1.5	22
71	Removal optimization of heavy metals from effluent of sludge dewatering process in oil and gas well drilling by nanofiltration. <i>Journal of Environmental Management</i> , 2017, 203, 151-156.	3.8	22
72	Life cycle assessment for municipal solid waste management: a case study from Ahvaz, Iran. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 131.	1.3	22

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73	Predicting Fenton modification of solid waste vegetable oil industry for arsenic removal using artificial neural networks. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2012, 43, 873-878.	2.7	20
74	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.	4.2	20
75	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.	1.0	18
76	Evaluation of biological landfill leachate treatment incorporating struvite precipitation and powdered activated carbon addition. <i>Waste Management and Research</i> , 2010, 28, 759-766.	2.2	17
77	Application and kinetic evaluation of upflow anaerobic biofilm reactor for nitrogen removal from wastewater by Anammox process. <i>Iranian Journal of Environmental Health Science &amp; Engineering</i> , 2013, 10, 20.	1.8	16
78	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.	1.5	16
79	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.	2.6	15
80	Relationship between benthic macroinvertebrate bio-indices and physicochemical parameters of water: a tool for water resources managers. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2014, 12, 30.	1.4	13
81	Kinetics of substrate utilization and bacterial growth of crude oil degraded by <i>Pseudomonas aeruginosa</i> . <i>Journal of Environmental Health Science &amp; Engineering</i> , 2015, 13, 64.	1.4	13
82	Efficiency investigation of photo-Fenton process in removal of sodium dodecyl sulphate from aqueous solutions. <i>Desalination and Water Treatment</i> , 2016, 57, 24444-24449.	1.0	13
83	Adsorption of chromium(VI) from saline wastewater using spent tea-supported magnetite nanoparticle. <i>Desalination and Water Treatment</i> , 2016, 57, 12244-12256.	1.0	13
84	Evaluation of lead and cadmium concentrations in lipstick and eye pencil cosmetics. <i>Environmental Health Engineering and Management</i> , 2019, 6, 277-282.	0.3	13
85	Efficiency of perlite as a low cost adsorbent applied to removal of Pb and Cd from paint industry effluent. <i>Desalination and Water Treatment</i> , 2011, 26, 243-249.	1.0	12
86	Phytoremediation of Total Petroleum Hydrocarbons From Highly Saline and Clay Soil Using <i>Sorghum halepense</i> (L.) Pers. and <i>Aeluropus littoralis</i> (Guna) Parl. <i>Soil and Sediment Contamination</i> , 2017, 26, 127-140.	1.1	12
87	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.	2.6	12
88	ADSORPTION OF Pb (II) FROM AQUEOUS SOLUTION ONTO LEWATIT FO36 NANO RESIN: EQUILIBRIUM AND KINETIC STUDIES. <i>Environmental Engineering and Management Journal</i> , 2011, 10, 1579-1587.	0.2	12
89	Regional water quality management for the Karun-Dez River basin, Iran. <i>Water and Environment Journal</i> , 2007, 21, 192-199.	1.0	11
90	Numerical modelling of heavy metals for riverine systems using a new approach to the source term in the ADE. <i>Journal of Hydroinformatics</i> , 2008, 10, 245-255.	1.1	11

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91	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.	1.8	11
92	Remediation of oily sludge wastes using biosurfactant produced by bacterial isolate <i>Pseudomonas balearica</i> strain Z8. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2020, 18, 531-539.	1.4	11
93	Batch and column studies on the evaluation of micrometer and nanometer <i>Phragmites australis</i> for nitrate removal. <i>Desalination and Water Treatment</i> , 2013, 51, 5863-5872.	1.0	10
94	Removal of Orthophosphate from Municipal Wastewater Using Chemical Precipitation Process in Ahvaz Wastewater Treatment Plant, Iran. <i>Asian Journal of Chemistry</i> , 2013, 25, 2565-2568.	0.1	10
95	Thermally activated persulfate treatment and mineralization of a recalcitrant high TDS petrochemical wastewater. <i>Polish Journal of Chemical Technology</i> , 2017, 19, 72-77.	0.3	10
96	Potential of Producing Compost from Source-Separated Municipal Organic Waste (A Case Study in) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	10
97	Acute toxicity test using cyanide on <i>Daphnia magna</i> by flow-through system. <i>Journal of Water Chemistry and Technology</i> , 2013, 35, 281-286.	0.2	9
98	CFD modeling of incinerator to increase PCBs removal from outlet gas. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2015, 13, 60.	1.4	9
99	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.	1.3	9
100	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.	1.8	9
101	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.	1.5	9
102	Sludge reduction by <i>lumbriculus variegatus</i> in Ahvas wastewater treatment plant. <i>Iranian Journal of Environmental Health Science &amp; Engineering</i> , 2012, 9, 4.	1.8	8
103	Kinetic studies on the removal of phenol by MBBR from saline wastewater. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2017, 15, 22.	1.4	8
104	Anaerobic biodegradation of methyl tert-butyl ether and tert-butyl alcohol in petrochemical wastewater. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 1937-1943.	1.2	7
105	Dichloromethane emissions from automotive manufacturing industry in Iran: case study of the SAIPA automotive manufacturing company. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 757-764.	0.6	7
106	BIOSORPTION STUDIES ON NA <sub>2</sub> CO <sub>3</sub> -MODIFIED CERATOPHYLLUM DEMERSUM: REMOVAL OF TOXIC CHROMIUM FROM AQUEOUS SOLUTION. <i>Chemical Engineering Communications</i> , 2013, 200, 1394-1413.	1.5	7
107	Removal of dichloromethane from waste gas streams using a hybrid bubble column/biofilter bioreactor. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2014, 12, 22.	1.4	7
108	Methodology for modeling of city sustainable development based on fuzzy logic: a practical case. <i>Journal of Integrative Environmental Sciences</i> , 2014, 11, 71-91.	1.0	7

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109	Photodegradation of Acid red 18 dye by BiOI/ZnO nanocomposite: A dataset. Data in Brief, 2018, 16, 608-611.	0.5	7
110	Data on photo-catalytic degradation of 4- chlorophenol from aqueous solution using UV/ZnO/persulfate. Data in Brief, 2018, 20, 582-586.	0.5	7
111	Relationship between the number of hospitalized cardiovascular and respiratory disease and the average concentration of criteria air pollutants (CAP) in Ahvaz. Environmental Geochemistry and Health, 2020, 42, 3317-3331.	1.8	7
112	The environmental performance of four municipal solid waste management scenarios: A life cycle assessment study. Environmental Quality Management, 2021, 31, 77-84.	1.0	7
113	Rearrangement of membrane elements in the pressure vessels for optimum utilization of reverse osmosis process. Chemical Engineering Research and Design, 2011, 89, 48-54.	2.7	6
114	Adoption of sustainable solid waste management and treatment approaches: A case study of Iran. Waste Management and Research, 2021, 39, 975-984.	2.2	6
115	Qualitative and health-related evaluation of point-of-use water treatment equipment performance in three cities of Iran. Journal of Environmental Health Science & Engineering, 2018, 16, 265-275.	1.4	5
116	Characterization of the biosurfactant produced by <i>Pseudomonas aeruginosa</i> strain R4 and its application for remediation pyrene-contaminated soils. Journal of Environmental Health Science & Engineering, 2021, 19, 445-456.	1.4	5
117	Provision of extended producer responsibility system for products packaging: A case study of Iran. Waste Management and Research, 2021, 39, 1291-1301.	2.2	5
118	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. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	4
119	Performance evaluation of waste stabilization ponds on removal of <i>Listeria</i> spp.: a case study of Isfahan, Iran. Journal of Water and Health, 2018, 16, 614-621.	1.1	4
120	BIOSORPTION OF CADMIUM (II) FROM AQUEOUS SOLUTION BY NaCl-TREATED <i>Ceratophyllum demersum</i> . Environmental Engineering and Management Journal, 2014, 13, 763-773.	0.2	4
121	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. International Journal of Environmental Research, 2022, 16, 1.	1.1	4
122	Photocatalytic degradation of ciprofloxacin by a novel visible light activated Ag <sub>2</sub> O-AgI/TiO <sub>2</sub> nanocomposite: Activity, kinetic, mineralization and continuous-flow stability test. International Journal of Environmental Analytical Chemistry, 0, , 1-20.	1.8	4
123	Sludge characterization of an industrial water treatment plant, Iran. Desalination and Water Treatment, 2014, 52, 5306-5316.	1.0	3
124	Optimal Wastewater Loading under Conflicting Goals and Technology Limitations in a Riverine System. Water Environment Research, 2017, 89, 211-220.	1.3	3
125	Measurement the significant heavy metals of Petroleum Desalination Influent in an Iranian on-shore desalination plant. Petroleum Science and Technology, 2017, 35, 681-686.	0.7	3
126	Health and safety hazards identification and risk assessment in the swimming pools using combined HAZID and ALARP. Environmental Health Engineering and Management, 2020, 7, 151-160.	0.3	3



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127	Herbicide Residues in Water Resources: A Scoping Review. <i>Avicenna Journal of Environmental Health Engineering</i> , 2021, 8, 126-133.	0.3	3
128	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.	1.8	2
129	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.	0.7	2
130	EFFECT OF PRETREATMENT ON <i>Ceratophyllum demersum</i> FOR ENHANCED BIOSORPTION OF Cr(VI) AND Cd(II). <i>Environmental Engineering and Management Journal</i> , 2017, 16, 459-469.	0.2	1
131	The effects of substrate type, HRT and reed on the lead removal in horizontal subsurface-flow constructed wetland. <i>Desalination and Water Treatment</i> , 0, , 1-11.	1.0	0
132	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.	0.3	0
133	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, .	0.1	0