

Ahmad Jonidi Jafari

List of Publications by Year in descending order

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175
papers

4,973
citations

87888

38
h-index

128289

60
g-index

175
all docs

175
docs citations

175
times ranked

5806
citing authors

#	ARTICLE	IF	CITATIONS
1	Fenton-like catalytic oxidation of tetracycline by AC@Fe ₃ O ₄ as a heterogeneous persulfate activator: Adsorption and degradation studies. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 45, 323-333.	5.8	217
2	Contaminants of emerging concern: a review of new approach in AOP technologies. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 414.	2.7	194
3	Removal of lead and zinc from battery industry wastewater using electrocoagulation process: Influence of direct and alternating current by using iron and stainless steel rod electrodes. <i>Separation and Purification Technology</i> , 2014, 135, 165-175.	7.9	165
4	Separate and simultaneous removal of phenol, chromium, and cyanide from aqueous solution by coagulation/precipitation: Mechanisms and theory. <i>Chemical Engineering Journal</i> , 2014, 253, 251-257.	12.7	136
5	Dye Removal, Energy Consumption and Operating Cost of Electrocoagulation of Textile Wastewater as a Clean Process. <i>Clean - Soil, Air, Water</i> , 2011, 39, 665-672.	1.1	131
6	Photocatalytic degradation of diazinon with illuminated ZnO@TiO ₂ composite. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 50, 100-107.	5.3	121
7	Municipal solid waste management during COVID-19 pandemic: effects and repercussions. <i>Environmental Science and Pollution Research</i> , 2021, 28, 32200-32209.	5.3	109
8	Synthesis and properties of Fe ₃ O ₄ -activated carbon magnetic nanoparticles for removal of aniline from aqueous solution: equilibrium, kinetic and thermodynamic studies. <i>Iranian Journal of Environmental Health Science & Engineering</i> , 2013, 10, 19.	1.8	106
9	Bioelectricity generation using two chamber microbial fuel cell treating wastewater from food processing. <i>Enzyme and Microbial Technology</i> , 2013, 52, 352-357.	3.2	104
10	Evaluation of dairy industry wastewater treatment and simultaneous bioelectricity generation in a catalyst-less and mediator-less membrane microbial fuel cell. <i>Journal of Saudi Chemical Society</i> , 2016, 20, 88-100.	5.2	104
11	Enhancement of photocatalytic activity of Cu-doped ZnO nanorods for the degradation of an insecticide: Kinetics and reaction pathways. <i>Journal of Environmental Management</i> , 2017, 186, 1-11.	7.8	99
12	Magnetic Fe ₃ O ₄ @C nanoparticles as adsorbents for removal of amoxicillin from aqueous solution. <i>Water Science and Technology</i> , 2014, 69, 147-155.	2.5	84
13	Characterization of ionic composition of TSP and PM ₁₀ during the Middle Eastern Dust (MED) storms in Ahvaz, Iran. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 6683-6692.	2.7	82
14	Visible-light-driven photocatalytic degradation of Metalaxyl by reduced graphene oxide/Fe ₃ O ₄ /ZnO ternary nanohybrid: Influential factors, mechanism and toxicity bioassay. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 375, 280-292.	3.9	72
15	Pb(II) Adsorption Onto a Magnetic Composite of Activated Carbon and Superparamagnetic Fe ₃ O ₄ Nanoparticles: Experimental and Modeling Study. <i>Clean - Soil, Air, Water</i> , 2015, 43, 1157-1166.	1.1	70
16	Exposure to nanoscale diesel exhaust particles: Oxidative stress, neuroinflammation, anxiety and depression on adult male mice. <i>Ecotoxicology and Environmental Safety</i> , 2019, 168, 338-347.	6.0	70
17	A novel synthetic thin-film nanocomposite forward osmosis membrane modified by graphene oxide and polyethylene glycol for heavy metals removal from aqueous solutions. <i>Reactive and Functional Polymers</i> , 2020, 146, 104397.	4.1	69
18	Study on the acoustic characteristics of natural date palm fibres: Experimental and theoretical approaches. <i>Building and Environment</i> , 2019, 161, 106274.	6.9	67

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19	Effect of COVID-19 pandemic on medical waste management: a case study. Journal of Environmental Health Science & Engineering, 2021, 19, 831-836.	3.0	66
20	A Letter about the Airborne Transmission of SARS-CoV-2 Based on the Current Evidence. Aerosol and Air Quality Research, 2020, 20, 911-914.	2.1	63
21	The comparison of ZnO/polyaniline nanocomposite under UV and visible radiations for decomposition of metronidazole: Degradation rate, mechanism and mineralization. Chemical Engineering Research and Design, 2019, 128, 65-76.	5.6	62
22	Presence of SARS-CoV-2 in the air of public places and transportation. Atmospheric Pollution Research, 2021, 12, 302-306.	3.8	60
23	Surface modification of bone char for removal of formaldehyde from air. Applied Surface Science, 2013, 286, 235-239.	6.1	58
24	Biodegradation of 2,4-dinitrophenol with laccase immobilized on nano-porous silica beads. Iranian Journal of Environmental Health Science & Engineering, 2013, 10, 25.	1.8	57
25	Application of mesoporous magnetic carbon composite for reactive dyes removal: Process optimization using response surface methodology. Korean Journal of Chemical Engineering, 2016, 33, 2878-2890.	2.7	54
26	Optimization and evaluation of reactive dye adsorption on magnetic composite of activated carbon and iron oxide. Desalination and Water Treatment, 2016, 57, 6411-6422.	1.0	54
27	A case study of BTEX characteristics and health effects by major point sources of pollution during winter in Iran. Environmental Pollution, 2019, 247, 607-617.	7.5	54
28	Particulate matters and bioaerosols during Middle East dust storms events in Ilam, Iran. Microchemical Journal, 2020, 152, 104280.	4.5	54
29	Analysis and comparison of used lubricants, regenerative technologies in the world. Resources, Conservation and Recycling, 2015, 103, 179-191.	10.8	52
30	Assessment of airborne enteric viruses emitted from wastewater treatment plant: Atmospheric dispersion model, quantitative microbial risk assessment, disease burden. Environmental Pollution, 2019, 253, 464-473.	7.5	49
31	Levels and health risk assessments of particulate matters (PM _{2.5} and PM ₁₀) in indoor/outdoor air of waterpipe caf��s in Tehran, Iran. Environmental Science and Pollution Research, 2019, 26, 7205-7215.	5.3	47
32	High photocatalytic decomposition of the air pollutant formaldehyde using nano-ZnO on bone char. Environmental Chemistry Letters, 2014, 12, 353-357.	16.2	46
33	Studies of the effects of copper, copper(II) oxide and copper(II) chloride on the thermal degradation of poly(vinyl chloride). Polymer Degradation and Stability, 2006, 91, 3274-3280.	5.8	45
34	Synthesis of silica-functionalized graphene oxide/ZnO coated on fiberglass and its application in photocatalytic removal of gaseous benzene. Chemical Engineering Research and Design, 2018, 116, 377-387.	5.6	45
35	A new nano-photocatalyst based on Pt and Bi co-doped TiO ₂ for efficient visible-light photo degradation of amoxicillin. New Journal of Chemistry, 2019, 43, 1562-1568.	2.8	45
36	Prenatal exposure to diesel exhaust particles causes anxiety, spatial memory disorders with alters expression of hippocampal pro-inflammatory cytokines and NMDA receptor subunits in adult male mice offspring. Ecotoxicology and Environmental Safety, 2019, 176, 34-41.	6.0	43

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37	On the nature and health impacts of BTEX in a populated middle eastern city: Tehran, Iran. Atmospheric Pollution Research, 2019, 10, 921-930.	3.8	42
38	Characterization, possible sources and health risk assessment of PM _{2.5} -bound Heavy Metals in the most industrial city of Iran. Journal of Environmental Health Science & Engineering, 2021, 19, 151-163.	3.0	42
39	Simultaneous adsorption of lead and aniline onto magnetically recoverable carbon: optimization, modeling and mechanism. Journal of Chemical Technology and Biotechnology, 2016, 91, 3000-3010.	3.2	41
40	Air pollutants associated with smoking in indoor/outdoor of waterpipe caf��s in Tehran, Iran: Concentrations, affecting factors and health risk assessment. Scientific Reports, 2019, 9, 3110.	3.3	41
41	Utilisation of immobilised activated sludge for the biosorption of chromium (VI). Canadian Journal of Chemical Engineering, 2012, 90, 1539-1546.	1.7	37
42	Municipal solid waste management during COVID-19 pandemic: a comparison between the current activities and guidelines. Journal of Environmental Health Science & Engineering, 2021, 19, 173-179.	3.0	36
43	Application of Ni-doped ZnO nanorods for degradation of diazinon: Kinetics and by-products. Separation Science and Technology, 2017, 52, 2395-2406.	2.5	35
44	Burden of mortality attributed to PM _{2.5} exposure in cities of Iran; contribution of short-term pollution peaks. Atmospheric Environment, 2020, 224, 117365.	4.1	35
45	The effect of traffic on levels, distribution and chemical partitioning of harmful metals in the street dust and surface soil from urban areas of Tehran, Iran. Environmental Earth Sciences, 2018, 77, 1.	2.7	34
46	Synthesis and characterization of Ag/TiO ₂ /composite aerogel for enhanced adsorption and photo-catalytic degradation of toluene from the gas phase. Chemical Engineering Research and Design, 2019, 150, 1-13.	5.6	34
47	Photocatalytic degradation of cefixime with MIL-125(Ti)-mixed linker decorated by g-C ₃ N ₄ under solar driven light irradiation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 582, 123874.	4.7	34
48	Assessment of littered cigarette butt in urban environment, using of new cigarette butt pollution index (CBPI). Science of the Total Environment, 2021, 769, 144864.	8.0	34
49	Respiratory Effects from Work-Related Exposure to Welding Fumes in Hamadan, Iran. Archives of Environmental Health, 2004, 59, 116-120.	0.4	33
50	Optimization of non-thermal plasma efficiency in the simultaneous elimination of benzene, toluene, ethyl-benzene, and xylene from polluted airstreams using response surface methodology. Environmental Science and Pollution Research, 2018, 25, 233-241.	5.3	32
51	Application of response surface methodology and artificial neural network modeling to assess non-thermal plasma efficiency in simultaneous removal of BTEX from waste gases: Effect of operating parameters and prediction performance. Chemical Engineering Research and Design, 2018, 119, 261-270.	5.6	32
52	Experimental and mathematical survey of sound absorption performance of date palm fibers. Heliyon, 2019, 5, e01977.	3.2	31
53	Degradation of petroleum hydrocarbons from bottom sludge of crude oil storage tanks using in-vessel composting followed by oxidation with hydrogen peroxide and Fenton. Journal of Material Cycles and Waste Management, 2013, 15, 321-327.	3.0	30
54	Assessment of periodontal knowledge following a mass media oral health promotion campaign: a population-based study. BMC Oral Health, 2014, 14, 31.	2.3	30

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55	Determination of HCl and VOC Emission from Thermal Degradation of PVC in the Absence and Presence of Copper, Copper(II) Oxide and Copper(II) Chloride. E-Journal of Chemistry, 2009, 6, 685-692.	0.5	29
56	Comparison of Benzene & Toluene removal from synthetic polluted air with use of Nano photocatalytic TiO ₂ /ZNO process. Journal of Environmental Health Science & Engineering, 2014, 12, 45.	3.0	29
57	Bisphenol A removal from aqueous solutions using novel UV/persulfate/H ₂ O ₂ /Cu system: optimization and modelling with central composite design and response surface methodology. Journal of Environmental Health Science & Engineering, 2016, 14, 19.	3.0	29
58	Biodegradation of petroleum hydrocarbons of bottom sludge from crude oil storage tanks by in-vessel composting. Toxicological and Environmental Chemistry, 2013, 95, 101-109.	1.2	28
59	Study of the efficiency of bio-filter and activated sludge (BF/AS) combined process in phenol removal from aqueous solution: determination of removing model according to response surface methodology (RSM)., 0, 77, 256-263.		28
60	Comparison of Benzene Exposure in Drivers and Petrol Stations Workers by Urinary trans,trans-Muconic Acid in West of Iran. Industrial Health, 2007, 45, 396-401.	1.0	27
61	Visible light photocatalytic inactivation of Escherichia coli by natural pyrite assisted by oxalate at neutral pH. Journal of Molecular Liquids, 2017, 248, 880-889.	4.9	27
62	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
63	Pt-based TiO ₂ photocatalytic systems: A systematic review. Journal of Molecular Liquids, 2022, 352, 118685.	4.9	26
64	Application of Hydrogen Peroxide and Fenton as Pre- and Post-treatment Steps for Composting of Bottom Sludge from Crude Oil Storage Tanks. Petroleum Science and Technology, 2014, 32, 1562-1568.	1.5	25
65	Effectiveness of photochemical and sonochemical processes in degradation of Basic Violet 16 (BV16) dye from aqueous solutions. Iranian Journal of Environmental Health Science & Engineering, 2012, 9, 14.	1.8	24
66	Removal efficiency of nickel and lead from industrial wastewater using microbial desalination cell. Applied Water Science, 2017, 7, 3617-3624.	5.6	24
67	Enhanced photocatalytic inactivation of E. coli by natural pyrite in presence of citrate and EDTA as effective chelating agents: Experimental evaluation and kinetic and ANN models. Journal of Environmental Chemical Engineering, 2019, 7, 102906.	6.7	24
68	Degradation of ciprofloxacin by CuFe ₂ O ₄ /GO activated PMS process in aqueous solution: performance, mechanism and degradation pathway. International Journal of Environmental Analytical Chemistry, 2022, 102, 174-195.	3.3	24
69	Composition and production rate of dental solid waste and associated management practices in Hamadan, Iran. Waste Management and Research, 2012, 30, 619-624.	3.9	23
70	Study of littered wastes in different urban land-uses: An 6 environmental status assessment. Journal of Environmental Health Science & Engineering, 2020, 18, 915-924.	3.0	23
71	Sulfonamide antibiotic reduction in aquatic environment by application of fenton oxidation process. Iranian Journal of Environmental Health Science & Engineering, 2013, 10, 29.	1.8	22
72	Bioremediation of diesel and gasoline-contaminated soil by co-vermicomposting amended with activated sludge: Diesel and gasoline degradation and kinetics. Environmental Pollution, 2020, 263, 114584.	7.5	21

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73	Synthesis of TiO ₂ /polyaniline photocatalytic nanocomposite and its effects on degradation of metronidazole in aqueous solutions under UV and visible light radiation. , 0, 161, 228-242.		21
74	Removal of crystal violet from aqueous solutions using functionalized cellulose microfibers: a beneficial use of cellulosic healthcare waste. RSC Advances, 2016, 6, 61423-61433.	3.6	20
75	Application of an adsorptive-thermocatalytic process for BTX removal from polluted air flow. Journal of Environmental Health Science & Engineering, 2014, 12, 89.	3.0	19
76	Bio-electrochemical reduction of nitrate utilizing MWCNT supported on carbon base electrodes: A comparison study. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 2212-2216.	5.3	19
77	Photocatalytic oxidation of benzene by ZnO coated on glass plates under simulated sunlight. Chemical Papers, 2019, 73, 635-644.	2.2	19
78	Learning and memory disorders related to hippocampal inflammation following exposure to air pollution. Journal of Environmental Health Science & Engineering, 2021, 19, 261-272.	3.0	19
79	Urban air pollution control policies and strategies: a systematic review. Journal of Environmental Health Science & Engineering, 2021, 19, 1911-1940.	3.0	19
80	Spatio-seasonal variation, distribution, levels, and risk assessment of airborne asbestos concentration in the most industrial city of Iran: effect of meteorological factors. Environmental Science and Pollution Research, 2021, 28, 16434-16446.	5.3	18
81	Isolation and Kinetic Modeling of New Culture from Compost with High Capability of Degrading n-Hexadecane, Focused on <i>Ochrobactrum Oryzae</i> and <i>Paenibacillus Lautus</i> . Soil and Sediment Contamination, 2020, 29, 384-396.	1.9	18
82	The Share of Different Vehicles in Air Pollutant Emission in Tehran, Using 2013 Traffic Information. Caspian Journal of Health Research, 2016, 2, 28-36.	0.5	18
83	Temporal variations of atmospheric benzene and its health effects in Tehran megacity (2010-2013). Environmental Science and Pollution Research, 2019, 26, 17214-17223.	5.3	17
84	Monitoring of airborne asbestos fibers in an urban ambient air of Shahryar City, Iran: levels, spatial distribution, seasonal variations, and health risk assessment. Environmental Science and Pollution Research, 2019, 26, 6450-6459.	5.3	17
85	Application of a novel bi-functional nanoadsorbent for the simultaneous removal of inorganic and organic compounds: Equilibrium, kinetic and thermodynamic studies. Journal of Molecular Liquids, 2019, 273, 543-550.	4.9	17
86	Medical waste management in Iran and comparison with neighbouring countries. International Journal of Environmental Analytical Chemistry, 2022, 102, 2805-2818.	3.3	17
87	Synthesis of new composite based on TiO ₂ immobilized in glass fibers for photo-catalytic degradation of chlorobenzene in aqueous solutions. Environmental Research, 2022, 204, 112018.	7.5	17
88	The study of Fenton oxidation process efficiency in the simultaneous removal of phenol, cyanide, and chromium (VI) from synthetic wastewater. Desalination and Water Treatment, 2013, 51, 5761-5767.	1.0	16
89	Application of MIL-53(Fe)/urchin-like g-C ₃ N ₄ nanocomposite for efficient degradation of cefixime. Inorganic Chemistry Communication, 2020, 111, 107565.	3.9	16
90	Dechlorination and decomposition of Aroclor 1242 in real waste transformer oil using a nucleophilic material with a modified domestic microwave oven. Journal of Material Cycles and Waste Management, 2014, 16, 711-720.	3.0	15

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91	Ambient air PM _{2.5} -bound PAHs in low traffic, high traffic, and industrial areas along Tehran, Iran. Human and Ecological Risk Assessment (HERA), 2021, 27, 134-151.	3.4	15
92	Development a new index for littered waste assessment in different environments: A study on coastal and urban areas of northern Iran (Caspian Sea). Marine Pollution Bulletin, 2021, 171, 112684.	5.0	15
93	Survey on efficiency of BF/AS integrated biological system in phenol removal of wastewater. , 0, 82, 315-321.		15
94	Nitrite and Nitrate Concentrations in the Drinking Groundwater of Shiraz City, South-central Iran by Statistical Models. Iranian Journal of Public Health, 2017, 46, 1275-1284.	0.5	15
95	Simultaneous removal of nitrate and its intermediates by use of bipolar electrochemistry. Research on Chemical Intermediates, 2015, 41, 1365-1372.	2.7	14
96	Occurrence, spatial distribution, seasonal variations, potential sources, and inhalation-based health risk assessment of organic/inorganic pollutants in ambient air of Tehran. Environmental Geochemistry and Health, 2021, 43, 1983-2006.	3.4	14
97	Evaluation of Fenton oxidation process coupled with biological treatment for the removal of reactive black 5 from aqueous solution. Journal of Environmental Health Science & Engineering, 2013, 11, 13.	3.0	13
98	Ozone-assisted photocatalytic degradation of gaseous toluene from waste air stream using silica-functionalized graphene oxide/ZnO coated on fiberglass: performance, intermediates, and mechanistic pathways. Air Quality, Atmosphere and Health, 2019, 12, 1181-1188.	3.3	13
99	Catalytic potential of CuFe ₂ O ₄ /GO for activation of peroxymonosulfate in metronidazole degradation: study of mechanisms. Journal of Environmental Health Science & Engineering, 2020, 18, 947-960.	3.0	13
100	Improvement of Co-Composting by a combined pretreatment Ozonation/Ultrasonic process in stabilization of raw activated sludge. Scientific Reports, 2020, 10, 1070.	3.3	13
101	Activation of peroxymonosulfate into amoxicillin degradation using cobalt ferrite nanoparticles anchored on graphene (CoFe ₂ O ₄ @Gr). Toxin Reviews, 2021, 40, 215-224.	3.4	13
102	Characterisation of PM _{2.5} bound PAHs in outdoor air of Karaj megacity: the effect of meteorological factors. International Journal of Environmental Analytical Chemistry, 2023, 103, 3290-3308.	3.3	13
103	Application of Thermal Desorption to the Development of a Gas Chromatographic/Mass Spectrometric Method for the Determination of Toluene, Chlorinated Aromatic Hydrocarbons, and 2,3,7,8-Tetrachlorodibenzo-p-Dioxin in Combustion Emissions. Journal of AOAC INTERNATIONAL, 2003, 86, 39-43.	1.5	12
104	Airborne toluene degradation by using manganese oxide supported on a modified natural diatomite. Journal of Porous Materials, 2016, 23, 1015-1024.	2.6	12
105	Photocatalytic Degradation of Metronidazole Using Dâ€¢C 3 N 4 â€¢I 5 O 7 I Composites Under Visible Light Irradiation: Degradation Product, and Mechanisms. ChemistrySelect, 2019, 4, 10288-10295.	1.5	12
106	Photo-catalytic degradation of bisphenol-a from aqueous solutions using GF/Fe-TiO ₂ -CQD hybrid composite. Journal of Environmental Health Science & Engineering, 2021, 19, 837-849.	3.0	12
107	Removal of Escherichia coli from synthetic turbid water using titanium tetrachloride and zirconium tetrachloride as coagulants. , 0, 163, 358-365.		12
108	Heterogeneous photocatalytic degradation of metronidazole from aqueous solutions using Fe ₃ O ₄ /TiO ₂ supported on biochar. , 0, 175, 304-315.		12

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109	Preparation of a thin-film nanocomposite forward osmosis membrane for the removal of organic micro-pollutants from aqueous solutions. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 3011-3024.	2.2	11
110	The detection of SARS-CoV-2 RNA in indoor air of dental clinics during the COVID-19 pandemic. <i>Environmental Science and Pollution Research</i> , 2022, 29, 85586-85594.	5.3	11
111	Non-thermal plasma by positive corona glow discharge using nano-structured Cu/CuO coated electrodes for benzene removal from air flow; removal enhancement and energy efficiency improvement. <i>Separation and Purification Technology</i> , 2021, 275, 119156.	7.9	11
112	Effect of short-term exposure to air pollution on COVID-19 mortality and morbidity in Iranian cities. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 1807-1816.	3.0	11
113	Monitoring BTEX compounds and asbestos fibers in the ambient air of Tehran, Iran: Seasonal variations, spatial distribution, potential sources, and risk assessment. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 4220-4237.	3.3	10
114	Adsorption of Volatile Organic Compounds on Fluidized Activated Carbon Bed. <i>Health Scope</i> , 2013, 2, 84-89.	0.6	10
115	Urinary level of heavy metals in people working in smoking caf��s. <i>Environmental Research</i> , 2022, 207, 112110.	7.5	10
116	ZnO nanoparticles photocatalytic activity toward atmospheric toluene under simulated sunlight. <i>Research on Chemical Intermediates</i> , 2020, 46, 119-131.	2.7	9
117	Potential cytotoxicity of PM2.5-bound PAHs and toxic metals collected from areas with different traffic densities on human lung epithelial cells (A549). <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 1701-1712.	3.0	9
118	Investigation of metabolic kinetics in different brain regions of awake rats using the [1H-13C]-NMR technique. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 204, 114240.	2.8	9
119	A comparative study of nitrate removal from aqueous solutions using zeolite, nZVI-zeolite, nZVI and iron powder adsorbents. , 0, 74, 278-288.		9
120	Influence of bioaugmentation on biodegradation of phenanthrene-contaminated soil by earthworm in lab scale. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 150.	3.0	8
121	Economic evaluation of recycling acidic sludge project of reprocessing industries to bitumen (A case) Tj ETQq1 1 0.784314 rgBT /Ove	6.1	8
122	Photocatalytic degradation data of benzene and toluene by ZnO coated on glass plates under simulated sunlight. <i>Data in Brief</i> , 2018, 20, 490-495.	1.0	8
123	Enhanced electro kinetic- pseudo-Fenton degradation of pyrene-contaminated soil using Fe3O4 magnetic nanoparticles: A data set. <i>Data in Brief</i> , 2019, 24, 103483.	1.0	8
124	Investigation of phosphorus removal using steel slag from aqueous solutions: a systematic review study. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 821-833.	3.3	8
125	Determination of metals and BTEX in different components of waterpipe: charcoal, tobacco, smoke and water. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 243-251.	3.0	8
126	The effect of PM2.5-related hazards on biomarkers of bronchial epithelial cells (A549) inflammation in Karaj and Fardis cities. <i>Environmental Science and Pollution Research</i> , 2022, 29, 2172-2182.	5.3	8

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127	Investigating the effects of combined bio-enhancement and bio-stimulation on the cleaning of hexadecane-contaminated soils. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 106914.	6.7	8
128	Decomposition of benzene using wire-tube AC/DC discharge reactors. <i>Journal of Electrostatics</i> , 2017, 87, 158-166.	1.9	7
129	The efficiency of removing metronidazole and ciprofloxacin antibiotics as pharmaceutical wastes during the process of composting. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 4250-4260.	3.3	7
130	Concentration, sources, and inhalation-based risk assessment of PM _{2.5} -bound PAHs and trace elements in ambient air of areas with low and high traffic density in Tehran. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	7
131	Treatment of hexavalent chromium by using a combined Fenton and chemical precipitation process. <i>Journal of Water Reuse and Desalination</i> , 2013, 3, 373-380.	2.3	6
132	Investigation on the Lung Function of General Population in Ilam, West of Iran, as a City Exposed to Dust Storm. <i>Global Journal of Health Science</i> , 2014, 7, 298-308.	0.2	6
133	Preparation of Carbon-Alumina (C/Al ₂ O ₃) aerogel nanocomposite for benzene adsorption from flow gas in fixed bed reactor. <i>MethodsX</i> , 2019, 6, 2476-2483.	1.6	6
134	Enhanced removal of benzene in non-thermal plasma with ozonation, flow recycling, and flow recirculation. <i>Plasma Science and Technology</i> , 2019, 21, 095501.	1.5	6
135	The use of uncertain scenarios in disaster risk reduction: a systematic review. <i>Foresight</i> , 2019, 21, 409-418.	2.1	6
136	Synthesis of thin-film composite forward osmosis membranes for removing organic micro-pollutants from aqueous solutions. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 1160-1166.	2.1	6
137	The association of hospital emergency admissions due to respiratory-cardiovascular diseases and acute myocardial infarction with air pollution in Tehran during 2005-2014. <i>Medical Journal of the Islamic Republic of Iran</i> , 2018, 32, 440-445.	0.9	6
138	Photocatalytic abatement of o-xylene using adsorption enhanced ZnO/GAC catalyst in a continuous flow reactor: Catalytic potential, Fate of o-xylene and its by-products. <i>Global Nest Journal</i> , 2017, 19, 479-488.	0.1	6
139	TiO ₂ -decorated magnetic biochar mediated heterogeneous photocatalytic degradation of tetracycline and evaluation of antibacterial activity. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 8949-8959.	4.6	6
140	Exploring the visible light-assisted conversion of CO ₂ into methane and methanol, using direct Z-scheme TiO ₂ @g-C ₃ N ₄ nanosheets: synthesis and photocatalytic performance. <i>Environmental Science and Pollution Research</i> , 2022, 29, 74951-74966.	5.3	6
141	Removal of toluene from air streams by cobalt-copper bimetallic catalysts supported on sepiolite. <i>Toxicological and Environmental Chemistry</i> , 2019, 101, 228-243.	1.2	5
142	Use of NH ₄ Cl for activation of carbon xerogel to prepare a novel efficacious adsorbent for benzene removal from contaminated air streams in a fixed-bed column. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 1141-1149.	3.0	5
143	A modeling concept on removal of VOCs in wire-tube non-thermal plasma, considering electrical and structural factors. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 280.	2.7	5
144	Polycyclic aromatic hydrocarbons in PM _{2.5} atmospheric particles in Shiraz, a city in southwest Iran: sources and risk assessment. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	5

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145	Study of tetracycline and metronidazole adsorption on biochar prepared from rice bran kinetics, isotherms and mechanisms. , 0, 159, 390-401.		5
146	Nano Photocatalytic Process Application of ZnO Nanoparticle and UV on Benzene Removal from Synthetic Air. Asian Journal of Chemistry, 2013, 25, 3427-3430.	0.3	4
147	The Effect of Solvent, Hydrogen Peroxide and Dioxide Titanium on Degradation of PCBs, Using Microwave Radiation in Order to Reduce Occupational Exposure. Archives of Environmental Protection, 2014, 40, 91-102.	1.1	4
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