

Nadali Alavi

List of Publications by Year in descending order

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50
papers

2,049
citations

186265

28
h-index

243625

44
g-index

55
all docs

55
docs citations

55
times ranked

2339
citing authors

#	ARTICLE	IF	CITATIONS
1	Household recycling knowledge, attitudes and practices towards solid waste management. Resources, Conservation and Recycling, 2015, 102, 94-100.	10.8	199
2	Chemical composition of PM ₁₀ and its in vitro toxicological impacts on lung cells during the Middle Eastern Dust (MED) storms in Ahvaz, Iran. Environmental Pollution, 2016, 211, 316-324.	7.5	106
3	Landfill site selection using GIS and AHP: a case study: Behbahan, Iran. KSCE Journal of Civil Engineering, 2017, 21, 111-118.	1.9	102
4	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
5	Health risk assessment on human exposed to heavy metals in the ambient air PM ₁₀ in Ahvaz, southwest Iran. International Journal of Biometeorology, 2018, 62, 1075-1083.	3.0	88
6	Constructed wetlands for landfill leachate treatment: A review. Ecological Engineering, 2020, 146, 105725.	3.6	88
7	An evaluation of hospital admission respiratory disease attributed to sulfur dioxide ambient concentration in Ahvaz from 2011 through 2013. Environmental Science and Pollution Research, 2016, 23, 22001-22007.	5.3	83
8	Association of Particulate Matter Impact on Prevalence of Chronic Obstructive Pulmonary Disease in Ahvaz, Southwest Iran during 2009-2013. Aerosol and Air Quality Research, 2017, 17, 230-237.	2.1	81
9	Cardiovascular and respiratory mortality attributed to ground-level ozone in Ahvaz, Iran. Environmental Monitoring and Assessment, 2015, 187, 487.	2.7	79
10	Removal of atrazine as an organic micro-pollutant from aqueous solutions: a comparative study. Chemical Engineering Research and Design, 2016, 103, 23-35.	5.6	73
11	Removal of tetracycline antibiotic from contaminated water media by multi-walled carbon nanotubes: operational variables, kinetics, and equilibrium studies. Water Science and Technology, 2016, 74, 1202-1216.	2.5	66
12	Compost leachate treatment by a pilot-scale subsurface horizontal flow constructed wetland. Ecological Engineering, 2017, 105, 7-14.	3.6	65
13	Investigating the efficiency of co-composting and vermicomposting of vinasse with the mixture of cow manure wastes, bagasse, and natural zeolite. Waste Management, 2017, 69, 117-126.	7.4	65
14	Particulate matter and bacteria characteristics of the Middle East Dust (MED) storms over Ahvaz, Iran. Aerobiologia, 2014, 30, 345-356.	1.7	63
15	Determination of culturable indoor airborne fungi during normal and dust event days in Ahvaz, Iran. Aerobiologia, 2013, 29, 279-290.	1.7	59
16	Evaluation of the relationship between PM ₁₀ concentrations and heavy metals during normal and dusty days in Ahvaz, Iran. Aeolian Research, 2018, 33, 12-22.	2.7	49
17	Association between cancer risk and polycyclic aromatic hydrocarbons exposure in the ambient air of Ahvaz, southwest of Iran. International Journal of Biometeorology, 2018, 62, 1461-1470.	3.0	46
18	Characteristics, sources, and health risks of atmospheric PM ₁₀ -bound heavy metals in a populated middle eastern city. Toxin Reviews, 2020, 39, 266-274.	3.4	46

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19	Waste electrical and electronic equipment (WEEE) estimation: A case study of Ahvaz City, Iran. Journal of the Air and Waste Management Association, 2015, 65, 298-305.	1.9	44
20	Association of polycyclic aromatic hydrocarbons of the outdoor air in Ahvaz, southwest Iran during warm-cold season. Toxin Reviews, 2017, 36, 282-289.	3.4	38
21	Comparative analysis of hydrometallurgical methods for the recovery of Cu from circuit boards: Optimization using response surface and selection of the best technique by two-step fuzzy AHP-TOPSIS method. Journal of Cleaner Production, 2020, 249, 119401.	9.3	35
22	Assessment of oxytetracycline and tetracycline antibiotics in manure samples in different cities of Khuzestan Province, Iran. Environmental Science and Pollution Research, 2015, 22, 17948-17954.	5.3	34
23	Water quality assessment and zoning analysis of Dez eastern aquifer by Schuler and Wilcox diagrams and GIS. Desalination and Water Treatment, 2016, 57, 23686-23697.	1.0	34
24	Attenuation of tetracyclines during chicken manure and bagasse co-composting: Degradation, kinetics, and artificial neural network modeling. Journal of Environmental Management, 2019, 231, 1203-1210.	7.8	34
25	Biodegradation of Petroleum Hydrocarbons in a Soil Polluted Sample by Oil-Based Drilling Cuttings. Soil and Sediment Contamination, 2014, 23, 586-597.	1.9	32
26	Modeling and optimization of nonylphenol removal from contaminated water media using a magnetic recoverable composite by artificial neural networks. Water Science and Technology, 2017, 75, 1761-1775.	2.5	32
27	Alkali modified oak waste residues as a cost-effective adsorbent for enhanced removal of cadmium from water: Isotherm, kinetic, thermodynamic and artificial neural network modeling. Journal of Industrial and Engineering Chemistry, 2019, 78, 352-363.	5.8	31
28	Removing heavy metals from Isfahan composting leachate by horizontal subsurface flow constructed wetland. Environmental Science and Pollution Research, 2016, 23, 12384-12391.	5.3	26
29	Indoor and outdoor airborne bacterial air quality in day-care centers (DCCs) in greater Ahvaz, Iran. Atmospheric Environment, 2019, 216, 116927.	4.1	26
30	Composting plant leachate treatment by a pilot-scale, three-stage, horizontal flow constructed wetland in central Iran. Environmental Science and Pollution Research, 2017, 24, 23803-23814.	5.3	22
31	Co-composting of oil-based drilling cuttings by bagasse. Bioprocess and Biosystems Engineering, 2020, 43, 1-12.	3.4	18
32	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
33	Bioleaching of metals from cellphones batteries by a co-fungus medium in presence of carbon materials. Bioresource Technology Reports, 2021, 15, 100768.	2.7	16
34	Investigation of Ambient Polycyclic Aromatic Hydrocarbons in a Populated Middle Eastern City. Polycyclic Aromatic Compounds, 2022, 42, 1978-1993.	2.6	14
35	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. Soil and Sediment Contamination, 2017, 26, 127-140.	1.9	12
36	Biotreatment of Total Petroleum Hydrocarbons from an oily Sludge Using Co-Composting Approach. Soil and Sediment Contamination, 2018, 27, 524-537.	1.9	12

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37	Generation rates and current management of municipal, construction and demolition wastes in Tehran. <i>Journal of Material Cycles and Waste Management</i> , 2019, 21, 191-200.	3.0	12
38	Trihalomethanes formation in Iranian water supply systems: predicting and modeling. <i>Journal of Water and Health</i> , 2015, 13, 859-869.	2.6	10
39	Enhanced biological hydrogen production through the separation of volatile fatty acids and ammonia based on microbial bipolar electro dialysis during thermal dark fermentation. <i>Journal of Cleaner Production</i> , 2022, 330, 129887.	9.3	10
40	Application of electro-Fenton process for treatment of composting plant leachate: kinetics, operational parameters and modeling. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 417-431.	3.0	9
41	Kinetic studies on the removal of phenol by MBBR from saline wastewater. <i>Journal of Environmental Health Science & Engineering</i> , 2017, 15, 22.	3.0	8
42	Ammonium removal from landfill fresh leachate using zeolite as adsorbent. <i>Journal of Material Cycles and Waste Management</i> , 2021, 23, 1383-1393.	3.0	8
43	Measurement and monitoring of anions, cations and metals in landfill leachate in Iranian metropolises. <i>Data in Brief</i> , 2018, 21, 1818-1822.	1.0	5
44	BIOSORPTION OF CADMIUM (II) FROM AQUEOUS SOLUTION BY NaCl-TREATED <i>Ceratophyllum demersum</i> . <i>Environmental Engineering and Management Journal</i> , 2014, 13, 763-773.	0.6	4
45	Removal of zinc and nickel from aqueous solution by chitosan and polyaluminum chloride. <i>International Journal of Environmental Health Engineering</i> , 2016, 5, 16.	0.4	4
46	Sludge characterization of an industrial water treatment plant, Iran. <i>Desalination and Water Treatment</i> , 2014, 52, 5306-5316.	1.0	3
47	Study of Excess Sludge Reduction in Conventional Activated Sludge Process by Heating Returned Sludge. <i>Asian Journal of Chemistry</i> , 2013, 25, 2627-2630.	0.3	1
48	Dechlorination of persistent organic pollutants in petrochemical wastewater sludge through a planetary ball mill using synthesized nanocomposite. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-15.	3.3	1
49	Mechanochemical dechlorination of petrochemical sludge through a planetary ball mill and using industrial wastes as additives. <i>Environmental Progress and Sustainable Energy</i> , 0, , .	2.3	1
50	Application of converter slag as an effective and low-cost solid base catalyst for the transesterification process. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 9483-9500.	3.3	1