

# Nadali Alavi

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	Investigation of Ambient Polycyclic Aromatic Hydrocarbons in a Populated Middle Eastern City. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 1978-1993.	2.6	14
3	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
4	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
5	Bioleaching of metals from cellphones batteries by a co-fungus medium in presence of carbon materials. <i>Bioresource Technology Reports</i> , 2021, 15, 100768.	2.7	16
6	Characteristics, sources, and health risks of atmospheric PM <sub>10</sub> -bound heavy metals in a populated middle eastern city. <i>Toxin Reviews</i> , 2020, 39, 266-274.	3.4	46
7	Co-composting of oil-based drilling cuttings by bagasse. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 1-12.	3.4	18
8	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. <i>Journal of Cleaner Production</i> , 2020, 249, 119401.	9.3	35
9	Constructed wetlands for landfill leachate treatment: A review. <i>Ecological Engineering</i> , 2020, 146, 105725.	3.6	88
10	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
11	Indoor and outdoor airborne bacterial air quality in day-care centers (DCCs) in greater Ahvaz, Iran. <i>Atmospheric Environment</i> , 2019, 216, 116927.	4.1	26
12	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. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 78, 352-363.	5.8	31
13	Application of electro-Fenton process for treatment of composting plant leachate: kinetics, operational parameters and modeling. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2019, 17, 417-431.	3.0	9
14	Attenuation of tetracyclines during chicken manure and bagasse co-composting: Degradation, kinetics, and artificial neural network modeling. <i>Journal of Environmental Management</i> , 2019, 231, 1203-1210.	7.8	34
15	Health risk assessment on human exposed to heavy metals in the ambient air PM <sub>10</sub> in Ahvaz, southwest Iran. <i>International Journal of Biometeorology</i> , 2018, 62, 1075-1083.	3.0	88
16	Evaluation of the relationship between PM <sub>10</sub> concentrations and heavy metals during normal and dusty days in Ahvaz, Iran. <i>Aeolian Research</i> , 2018, 33, 12-22.	2.7	49
17	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
18	Association between cancer risk and polycyclic aromatic hydrocarbons <sup>â€™</sup> exposure in the ambient air of Ahvaz, southwest of Iran. <i>International Journal of Biometeorology</i> , 2018, 62, 1461-1470.	3.0	46

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19	Biotreatment of Total Petroleum Hydrocarbons from an oily Sludge Using Co-Composting Approach. Soil and Sediment Contamination, 2018, 27, 524-537.	1.9	12
20	Landfill site selection using GIS and AHP: a case study: Behbahan, Iran. KSCE Journal of Civil Engineering, 2017, 21, 111-118.	1.9	102
21	Compost leachate treatment by a pilot-scale subsurface horizontal flow constructed wetland. Ecological Engineering, 2017, 105, 7-14.	3.6	65
22	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
23	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
24	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
25	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
26	Kinetic studies on the removal of phenol by MBBR from saline wastewater. Journal of Environmental Health Science & Engineering, 2017, 15, 22.	3.0	8
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	Chemical composition of PM10 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
35	Removal of zinc and nickel from aqueous solution by chitosan and polyaluminum chloride. International Journal of Environmental Health Engineering, 2016, 5, 16.	0.4	4
36	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

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37	Household recycling knowledge, attitudes and practices towards solid waste management. Resources, Conservation and Recycling, 2015, 102, 94-100.	10.8	199
38	Cardiovascular and respiratory mortality attributed to ground-level ozone in Ahvaz, Iran. Environmental Monitoring and Assessment, 2015, 187, 487.	2.7	79
39	Trihalomethanes formation in Iranian water supply systems: predicting and modeling. Journal of Water and Health, 2015, 13, 859-869.	2.6	10
40	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
41	Sludge characterization of an industrial water treatment plant, Iran. Desalination and Water Treatment, 2014, 52, 5306-5316.	1.0	3
42	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
43	Particulate matter and bacteria characteristics of the Middle East Dust (MED) storms over Ahvaz, Iran. Aerobiologia, 2014, 30, 345-356.	1.7	63
44	BIOSORPTION OF CADMIUM (II) FROM AQUEOUS SOLUTION BY NaCl-TREATED Ceratophyllum demersum. Environmental Engineering and Management Journal, 2014, 13, 763-773.	0.6	4
45	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
46	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
47	Determination of culturable indoor airborne fungi during normal and dust event days in Ahvaz, Iran. Aerobiologia, 2013, 29, 279-290.	1.7	59
48	Study of Excess Sludge Reduction in Conventional Activated Sludge Process by Heating Returned Sludge. Asian Journal of Chemistry, 2013, 25, 2627-2630.	0.3	1
49	Dechlorination of persistent organic pollutants in petrochemical wastewater sludge through a planetary ball mill using synthesized nanocomposite. International Journal of Environmental Analytical Chemistry, 0, , 1-15.	3.3	1
50	Mechanochemical dechlorination of petrochemical sludge through a planetary ball mill and using industrial wastes as additives. Environmental Progress and Sustainable Energy, 0, , .	2.3	1