Abbas Shahsavani

List of Publications by Year
in descending order

78 papers	**2,183** citations	249298 **26** h-index	274796 **44** g-index
82 all docs	**82** docs citations	**82** times ranked	**2878** citing authors

#	Article	IF	Citations
1	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.	1.8	13
2	Health impacts and burden of disease attributed to long-term exposure to atmospheric PM$_{10}$/PM$_{2.5}$ in Karaj, Iran: effect of meteorological factors. International Journal of Environmental Analytical Chemistry, 2022, 102, 6134-6150.	1.8	19
3	The detection of SARS-CoV-2 RNA in indoor air of dental clinics during the COVID-19 pandemic. Environmental Science and Pollution Research, 2022, 29, 85586-85594.	2.7	11
4	Effects of ambient air pollutants on hospital admissions and deaths for cardiovascular diseases: a time series analysis in Tehran. Environmental Science and Pollution Research, 2022, 29, 17997-18009.	2.7	6
5	Investigation of the Presence Volatile Organic Compounds (BTEX) in the Ambient Air and Biogases Produced by a Shiraz Landfill in Southern Iran. Sustainability, 2022, 14, 1040.	1.6	8
6	Evaluation of pollutants in perfumes, colognes and health effects on the consumer: a systematic review. Journal of Environmental Health Science & Engineering, 2022, 20, 589-598.	1.4	3
7	Extraction and determination of organic/inorganic pollutants in the ambient air of two cities located in metropolis of Tehran. Environmental Monitoring and Assessment, 2022, 194, 204.	1.3	4
8	The potential osteoporosis due to exposure to particulate matter in ambient air: Mechanisms and preventive methods. Journal of the Air and Waste Management Association, 2022, 72, 925-934.	0.9	4
9	Characterization, source identification, and health risk assessment of odorous compounds in solid waste management facility of Tehran. Air Quality, Atmosphere and Health, 2022, 15, 1609-1621.	1.5	2
10	Characterization of polycyclic aromatic hydrocarbons associated with PM$_{10}$ emitted from the largest composting facility in the Middle East. Toxin Reviews, 2021, 40, 1481-1495.	1.5	8
11	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.	1.8	14
12	Ambient air PM2.5-bound PAHs in low traffic, high traffic, and industrial areas along Tehran, Iran. Human and Ecological Risk Assessment (HERA), 2021, 27, 134-151.	1.7	15
13	Airborne particulate matter in Tehran's ambient air. Journal of Environmental Health Science & Engineering, 2021, 19, 1179-1191.	1.4	7
14	Characterization, possible sources and health risk assessment of PM2.5-bound Heavy Metals in the most industrial city of Iran. Journal of Environmental Health Science & Engineering, 2021, 19, 151-163.	1.4	42
15	A hybrid model of environmental impact assessment of PM2.5 concentration using multi-criteria decision-making (MCDM) and geographical information system (GIS)—a case study. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	7
16	Optimization of UV-Electroproxone procedure for treatment of landfill leachate: the study of energy consumption. Journal of Environmental Health Science & Engineering, 2021, 19, 81-93.	1.4	9
17	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.	2.7	18
18	Presence of SARS-CoV-2 in the air of public places and transportation. Atmospheric Pollution Research, 2021, 12, 302-306.	1.8	60

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19	Geographical Pathology of Acute Lymphoblastic Leukemia in Iran with Evaluation of Incidence Trends of This Disease Using Joinpoint Regression Analysis. Archives of Iranian Medicine, 2021, 24, 224-232.	0.2	6
20	A systematic review and meta-analysis of human biomonitoring studies on exposure to environmental pollutants in Iran. Ecotoxicology and Environmental Safety, 2021, 212, 111986.	2.9	8
21	Relationship between ambient black carbon and daily mortality in Tehran, Iran: a distributed lag nonlinear time series analysis. Journal of Environmental Health Science & Engineering, 2021, 19, 907-916.	1.4	3
22	Assessment of BTEX exposure and carcinogenic risks for mail carriers in Tehran, Iran. Air Quality, Atmosphere and Health, 2021, 14, 1365-1373.	1.5	2
23	Polycyclic aromatic hydrocarbons in PM2.5 atmospheric particles in Shiraz, a city in southwest Iran: sources and risk assessment. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	5
24	Potential cytotoxicity of PM2.5â€"bound PAHs and toxic metals collected from areas with different traffic densities on human lung epithelial cells (A549). Journal of Environmental Health Science & Engineering, 2021, 19, 1701-1712.	1.4	9
25	Potential cytotoxicity of trace elements and polycyclic aromatic hydrocarbons bounded to particulate matter: a review on in vitro studies on human lung epithelial cells. Environmental Science and Pollution Research, 2021, 28, 55888-55904.	2.7	10
26	Concentrations, spatial distribution, and human health risk assessment of asbestos fibers in ambient air of Tehran, Iran. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	0
27	Spatial analysis and geoclimatic factors associated with the incidence of acute lymphoblastic leukemia in Iran during 2006â€"2014: An environmental epidemiological study. Environmental Research, 2021, 202, 111662.	3.7	8
28	Identification of high-risk and low-risk clusters and estimation of the relative risk of acute lymphoblastic leukemia in provinces of Iran during 2006â€"2014 period: A geo-epidemiological study. Journal of Research in Medical Sciences, 2021, 26, 18.	0.4	4
29	Effect of short-term exposure to air pollution on COVID-19 mortality and morbidity in Iranian cities. Journal of Environmental Health Science & Engineering, 2021, 19, 1807-1816.	1.4	11
30	A DFT screening of magnetic sensing-based adsorption of NO by M-MOF-74 (M= Mg, Ti, Fe and Zn). Materials Chemistry and Physics, 2020, 239, 122105.	2.0	8
31	Short-term effects of particulate matter during desert and non-desert dust days on mortality in Iran. Environment International, 2020, 134, 105299.	4.8	59
32	Association of short-term exposure to air pollution with mortality in a middle eastern tourist city. Air Quality, Atmosphere and Health, 2020, 13, 1223-1234.	1.5	6
33	Role of Air Pollution and rs10830963 Polymorphism on the Incidence of Type 2 Diabetes: Tehran Cardiometabolic Genetic Study. Journal of Diabetes Research, 2020, 2020, 1-10.	1.0	3
34	Performance of Bayesian outbreak detection algorithm in the syndromic surveillance of influenzaâ€"like illness in small region. Transboundary and Emerging Diseases, 2020, 67, 2183.	1.3	4
35	Carcinogenic risks of particulate matter during Middle Eastern dust events and normal days. Atmospheric Pollution Research, 2020, 11, 1566-1571.	1.8	6
36	Evaluation of phenotypes and genotypes of airborne Fungi during middle eastern dust storms. Journal of Environmental Health Science & Engineering, 2020, 18, 11-20.	1.4	3

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37	Characteristics and sources of water-soluble ionic associated with PM2.5 particles and cytotoxicity effects using MTT assay in Tehran, Iran. Urban Climate, 2020, 32, 100612.	2.4	7
38	Burden of mortality attributed to PM2.5 exposure in cities of Iran; contribution of short-term pollution peaks. Atmospheric Environment, 2020, 224, 117365.	1.9	35
39	Effects of PM2.5 and gases exposure during prenatal and early-life on autismâ€"like phenotypes in male rat offspring. Particle and Fibre Toxicology, 2020, 17, 8.	2.8	27
40	A Letter about the Airborne Transmission of SARS-CoV-2 Based on the Current Evidence. Aerosol and Air Quality Research, 2020, 20, 911-914.	0.9	63
41	Modification of the effect of ambient air temperature on cardiovascular and respiratory mortality by air pollution in Ahvaz, Iran. Epidemiology and Health, 2020, 42, e2020053.	0.8	3
42	Temporal trend and spatial distribution of acute lymphoblastic leukemia in Iranian children during 2006 -2014: A Mixed Ecological Study. Epidemiology and Health, 2020, 42, e2020057.	0.8	6
43	Comparative health risk assessment of in-vehicle exposure to formaldehyde and acetaldehyde for taxi drivers and passengers: Effects of zone, fuel, refueling, vehicle's age and model. Environmental Pollution, 2019, 254, 112943.	3.7	25
44	Comparative health risk assessment of BTEX exposures from landfills, composting units, and leachate treatment plants. Air Quality, Atmosphere and Health, 2019, 12, 443-451.	1.5	30
45	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.	3.7	54
46	Co-exposure to ambient PM2.5plus gaseous pollutants increases amyloid Î²1â€"42 accumulation in the hippocampus of male and female rats. Toxin Reviews, 2019, , 1-10.	1.5	8
47	Investigating the effect of several factors on concentrations of bioaerosols in a well-ventilated hospital environment. Environmental Monitoring and Assessment, 2019, 191, 407.	1.3	21
48	Exposure to BTEX in beauty salons: biomonitoring, urinary excretion, clinical symptoms, and health risk assessments. Environmental Monitoring and Assessment, 2019, 191, 286.	1.3	27
49	Alzheimer and depressive cognitive-like behaviors in male and female rats: A new method for exposure to ambient air pollution. MethodsX, 2019, 6, 690-703.	0.7	6
50	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.	2.7	17
51	Concentration, sources and human health risk of heavy metals and polycyclic aromatic hydrocarbons bound PM2.5 ambient air, Tehran, Iran. Environmental Geochemistry and Health, 2019, 41, 1473-1487.	1.8	44
52	Ethylenediamine-functionalized cubic ZIF-8 for arsenic adsorption from aqueous solution: Modeling, isotherms, kinetics and thermodynamics. Journal of Molecular Liquids, 2018, 255, 263-268.	2.3	77
53	Investigation of in-cabin volatile organic compounds (VOCs) in taxis; influence of vehicle's age, model, fuel, and refueling. Environmental Pollution, 2018, 237, 348-355.	3.7	27
54	Health risk assessment of heavy metals on PM2.5 in Tehran air, Iran. Data in Brief, 2018, 17, 347-355.	0.5	49

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55	Source Apportionment of Total Suspended Particles (TSP) by Positive Matrix Factorization (PMF) and Chemical Mass Balance (CMB) Modeling in Ahvaz, Iran. Archives of Environmental Contamination and Toxicology, 2018, 75, 278-294.	2.1	19
56	Catalytic ozonation of high concentrations of catechol over TiO2@Fe3O4 magnetic core-shell nanocatalyst: Optimization, toxicity and degradation pathway studies. Journal of Cleaner Production, 2018, 192, 597-607.	4.6	103
57	Mortality assessment attributed to long-term exposure to fine particles in ambient air of the megacity of Tehran, Iran. Environmental Science and Pollution Research, 2018, 25, 14254-14262.	2.7	49
58	Indoor concentrations of VOCs in beauty salons; association with cosmetic practices and health risk assessment. Journal of Occupational Medicine and Toxicology, 2018, 13, 30.	0.9	49
59	On the chemical nature of precipitation in a populated Middle Eastern Region (Ahvaz, Iran) with diverse sources. Ecotoxicology and Environmental Safety, 2018, 163, 558-566.	2.9	41
60	Indoor and outdoor concentrations of BTEX and formaldehyde in Tehran, Iran: effects of building characteristics and health risk assessment. Environmental Science and Pollution Research, 2018, 25, 27423-27437.	2.7	46
61	A systematic review and meta-analysis of metal concentrations in canned tuna fish in Iran and human health risk assessment. Food and Chemical Toxicology, 2018, 118, 753-765.	1.8	97
62	Estimation of Short-term Mortality and Morbidity Attributed to Fine Particulate Matter in the Ambient Air of Eight Iranian Cities. Annals of Global Health, 2018, 84, 408-418.	0.8	10
63	Spatial and Temporal Trends of Short-Term Health Impacts of PM2.5 in Iranian Cities; a Modelling Approach (2013-2016). Aerosol and Air Quality Research, 2018, 18, 497-504.	0.9	33
64	Risk assessment of heavy metals bioaccumulation: fished shrimps from the Persian Gulf. Toxin Reviews, 2017, 36, 322-330.	1.5	66
65	Physicochemical characterization of ambient PM 2.5 in Tehran air and its potential cytotoxicity in human lung epithelial cells (A549). Science of the Total Environment, 2017, 593-594, 182-190.	3.9	61
66	Elemental and carbonaceous characterization of TSP and PM10 during Middle Eastern dust (MED) storms in Ahvaz, Southwestern Iran. Environmental Monitoring and Assessment, 2017, 189, 462.	1.3	16
67	Estimation of Mortality and Hospital Admissions Attributed to Criteria Air Pollutants in Tehran Metropolis, Iran (2013-2016). Aerosol and Air Quality Research, 2017, 17, 2474-2481.	0.9	56
68	Estimation of Gender-Specific Lung Cancer Deaths due to Exposure to PM2.5 in 10 Cities of Iran During 2013 - 2016: A Modeling Approach. International Journal of Cancer Management, 2017, 10, .	0.2	17
69	Investigating the Health Effects of Exposure to Criteria Pollutants Using AirQ2.2.3 in Shiraz, Iran. Aerosol and Air Quality Research, 2016, 16, 1034-1043.	0.9	20
70	Adsorption of fluoride over a metal organic framework Uio-66 functionalized with amine groups and optimization with response surface methodology. Journal of Molecular Liquids, 2016, 221, 279-286.	2.3	123
71	Estimation of the residential radon levels and the annual effective dose in dwellings of Shiraz, Iran, in 2015. Electronic Physician, 2016, 8, 2497-2505.	0.2	18
72	Health Impacts of Exposure to PM10 on Inhabitants of Shiraz, Iran. Health Scope, 2015, 4, .	0.4	11

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73	PM$_{10}$ Source Apportionment in Ahvaz, Iran, Using Positive Matrix Factorization. Clean - Soil, Air, Water, 2013, 41, 1143-1151.	0.7	33
74	Determination of culturable indoor airborne fungi during normal and dust event days in Ahvaz, Iran. Aerobiologia, 2013, 29, 279-290.	0.7	59
75	Characterization of ionic composition of TSP and PM10 during the Middle Eastern Dust (MED) storms in Ahvaz, Iran. Environmental Monitoring and Assessment, 2012, 184, 6683-6692.	1.3	82
76	The evaluation of PM10, PM2.5, and PM1 concentrations during the Middle Eastern Dust (MED) events in Ahvaz, Iran, from april through september 2010. Journal of Arid Environments, 2012, 77, 72-83.	1.2	203
77	Source Apportionment of Total Suspended Particulates in an Arid Area in Southwestern Iran Using Positive Matrix Factorization. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 735-740.	1.3	34
78	Assessment of the risk of exposure to Air pollutants and identifying the affecting factors on making pollution by PCA, CFA. International Journal of Environmental Analytical Chemistry, 0, , 1-20.	1.8	3