

# Mamdouh I Khoder

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56  
papers

1,960  
citations

26  
h-index

43  
g-index

62  
ext. papers

2,261  
ext. citations

5.5  
avg, IF

5.12  
L-index

#	Paper	IF	Citations
56	On the nature of polycyclic aromatic hydrocarbons associated with sporting walkways dust: Concentrations, sources and relative health risk. <i>Science of the Total Environment</i> , <b>2021</b> , 781, 146540	10.2	3
55	Classroom Dust-Bound Polycyclic Aromatic Hydrocarbons in Jeddah Primary Schools, Saudi Arabia: Level, Characteristics and Health Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	3
54	Characterization and Health Risk Assessment of Human Exposure to PAHs in Dust Deposited on Leaves of Street Trees in Egypt. <i>Polycyclic Aromatic Compounds</i> , <b>2020</b> , 40, 1013-1027	1.3	3
53	New particle formation, growth and apparent shrinkage at a rural background site in western Saudi Arabia. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 10537-10555	6.8	11
52	A Predictive Model for Steady State Ozone Concentration at an Urban-Coastal Site. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	5
51	Risk Assessment and Implications of Schoolchildren Exposure to Classroom Heavy Metals Particles in Jeddah, Saudi Arabia. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	7
50	Temporal variations of fine and coarse particulate matter sources in Jeddah, Saudi Arabia. <i>Journal of the Air and Waste Management Association</i> , <b>2018</b> , 68, 123-138	2.4	19
49	Effect of Seasonal Variation on the Levels and Behaviours of Formaldehyde in the Atmosphere of a Suburban Area in Cairo, Egypt. <i>Asian Journal of Atmospheric Environment</i> , <b>2018</b> , 12, 356-368	1.3	4
48	Street Dust-Bound Polycyclic Aromatic Hydrocarbons in a Saudi Coastal City: Status, Profile, Sources, and Human Health Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	11
47	Health risk associated with airborne particulate matter and its components in Jeddah, Saudi Arabia. <i>Science of the Total Environment</i> , <b>2017</b> , 590-591, 531-539	10.2	30
46	Polycyclic aromatic hydrocarbons (PAHs) in the settled dust of automobile workshops, health and carcinogenic risk evaluation. <i>Science of the Total Environment</i> , <b>2017</b> , 601-602, 478-484	10.2	42
45	Variations in particulate matter over Indo-Gangetic Plains and Indo-Himalayan Range during four field campaigns in winter monsoon and summer monsoon: Role of pollution pathways. <i>Atmospheric Environment</i> , <b>2017</b> , 154, 200-224	5.3	78
44	Association between Exposure to Ambient Air Particulates and Metabolic Syndrome Components in a Saudi Arabian Population. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 15,	4.6	18
43	Risk Assessment and Implication of Human Exposure to Road Dust Heavy Metals in Jeddah, Saudi Arabia. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 15,	4.6	47
42	Aerosol optical properties at rural background area in Western Saudi Arabia. <i>Atmospheric Research</i> , <b>2017</b> , 197, 370-378	5.4	10
41	Chemical characteristics of atmospheric PM <sub>2.5</sub> loads during air pollution episodes in Giza, Egypt. <i>Atmospheric Environment</i> , <b>2017</b> , 150, 346-355	5.3	27
40	Evaluation of the Effects of Airborne Particulate Matter on Bone Marrow-Mesenchymal Stem Cells (BM-MSCs): Cellular, Molecular and Systems Biological Approaches. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	15

39	Influence of petrochemical installations upon PAH concentrations at sites in Western Saudi Arabia. <i>Atmospheric Pollution Research</i> , <b>2016</b> , 7, 954-960	4.5	12
38	Aerosols physical properties at Hada Al Sham, western Saudi Arabia. <i>Atmospheric Environment</i> , <b>2016</b> , 135, 109-117	5.3	17
37	Relationship of polycyclic aromatic hydrocarbons with oxy(quinone) and nitro derivatives during air mass transport. <i>Science of the Total Environment</i> , <b>2016</b> , 572, 1175-1183	10.2	22
36	Polycyclic aromatic hydrocarbons (PAHs) in indoor dust samples from Cities of Jeddah and Kuwait: Levels, sources and non-dietary human exposure. <i>Science of the Total Environment</i> , <b>2016</b> , 573, 1607-1614	10.2	56
35	Effects of airborne particulate matter on alternative pre-mRNA splicing in colon cancer cells. <i>Environmental Research</i> , <b>2015</b> , 140, 185-90	7.9	9
34	Receptor modelling study of polycyclic aromatic hydrocarbons in Jeddah, Saudi Arabia. <i>Science of the Total Environment</i> , <b>2015</b> , 506-507, 401-8	10.2	27
33	Polycyclic aromatic hydrocarbons, brachial artery distensibility and blood pressure among children residing near an oil refinery. <i>Environmental Research</i> , <b>2015</b> , 136, 133-40	7.9	36
32	Association between sleeping hours and cardiometabolic risk factors for metabolic syndrome in a Saudi Arabian population. <i>BMJ Open</i> , <b>2015</b> , 5, e008590	3	13
31	Urinary metabolites of polycyclic aromatic hydrocarbons in Saudi Arabian schoolchildren in relation to sources of exposure. <i>Environmental Research</i> , <b>2015</b> , 140, 495-501	7.9	25
30	In Vivo Exposures to Particulate Matter Collected from Saudi Arabia or Nickel Chloride Display Similar Dysregulation of Metabolic Syndrome Genes. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2015</b> , 78, 1421-36	3.2	13
29	Characterization and Elemental Composition of Atmospheric Aerosol Loads during Springtime Dust Storm in Western Saudi Arabia. <i>Aerosol and Air Quality Research</i> , <b>2015</b> , 15, 440-453	4.6	46
28	Microorganisms associated particulate matter: a preliminary study. <i>Science of the Total Environment</i> , <b>2014</b> , 479-480, 109-16	10.2	83
27	Seasonal and diurnal variations of BTEX and their potential for ozone formation in the urban background atmosphere of the coastal city Jeddah, Saudi Arabia. <i>Air Quality, Atmosphere and Health</i> , <b>2014</b> , 7, 467-480	5.6	62
26	Particulate matter from Saudi Arabia induces genes involved in inflammation, metabolic syndrome and atherosclerosis. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2014</b> , 77, 751-66	3.2	37
25	Temporal variations of O3 and NOx in the urban background atmosphere of the coastal city Jeddah, Saudi Arabia. <i>Atmospheric Environment</i> , <b>2014</b> , 94, 205-214	5.3	46
24	Particulate Matter and Number Concentrations of Particles Larger than 0.25 μm in the Urban Atmosphere of Jeddah, Saudi Arabia. <i>Aerosol and Air Quality Research</i> , <b>2014</b> , 14, 1383-1391	4.6	19
23	Determination of rare earth elements in dust deposited on tree leaves from Greater Cairo using inductively coupled plasma mass spectrometry. <i>Environmental Pollution</i> , <b>2013</b> , 178, 197-201	9.3	24
22	Characteristics of gas-phase nitric acid and ammonium nitrate/sulfate aerosol, and their gas-phase precursors in a suburban area in Cairo, Egypt. <i>Atmospheric Pollution Research</i> , <b>2013</b> , 4, 117-129	4.5	14

21	Seasonal Behaviours and Weekdays/Weekends Differences in Elemental Composition of Atmospheric Aerosols in Cairo, Egypt. <i>Aerosol and Air Quality Research</i> , <b>2013</b> , 13, 1552-1562	4.6	21
20	Study on some factors affecting survivability of airborne fungi. <i>Science of the Total Environment</i> , <b>2012</b> , 414, 696-700	10.2	41
19	Gene expression profiling and pathway analysis of human bronchial epithelial cells exposed to airborne particulate matter collected from Saudi Arabia. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 265, 147-57	4.6	34
18	Gas-particle concentration, distribution, and health risk assessment of polycyclic aromatic hydrocarbons at a traffic area of Giza, Egypt. <i>Environmental Monitoring and Assessment</i> , <b>2012</b> , 184, 3593-612	3.1	58
17	Heavy Metal Distribution in Street Dust of Urban and Industrial Areas in Jeddah, Saudi Arabia <b>2012</b> , 23,		5
16	Source Apportionment and Elemental Composition of PM2.5 and PM10 in Jeddah City, Saudi Arabia. <i>Atmospheric Pollution Research</i> , <b>2012</b> , 3, 331-340	4.5	135
15	Atmospheric concentrations of polycyclic aromatic hydrocarbons and selected nitrated derivatives in Greater Cairo, Egypt. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 7352-7352	5.3	35
14	Diurnal distribution of airborne bacteria and fungi in the atmosphere of Helwan area, Egypt. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 6217-22	10.2	58
13	Diurnal, seasonal and weekdays-weekends variations of ground level ozone concentrations in an urban area in greater Cairo. <i>Environmental Monitoring and Assessment</i> , <b>2009</b> , 149, 349-62	3.1	76
12	Weekday/weekend differences in ambient aerosol level and chemical characteristics of water-soluble components in the city centre. <i>Atmospheric Environment</i> , <b>2008</b> , 42, 7483-7493	5.3	37
11	Ambient levels of volatile organic compounds in the atmosphere of Greater Cairo. <i>Atmospheric Environment</i> , <b>2007</b> , 41, 554-566	5.3	158
10	Fertile fungal spores collected on different faced surfaces in the atmosphere of Giza, Egypt. <i>Aerobiologia</i> , <b>2007</b> , 23, 47-57	2.4	9
9	Formaldehyde and Aromatic Volatile Hydrocarbons in the Indoor Air of Egyptian Office Buildings. <i>Indoor and Built Environment</i> , <b>2006</b> , 15, 379-387	1.8	21
8	Indoor air quality during renovation actions: a case study. <i>Journal of Environmental Monitoring</i> , <b>2004</b> , 6, 740-4		27
7	An analysis of pesticide impact on air quality, especially surface ozone. <i>Management of Environmental Quality</i> , <b>2002</b> , 13, 152-162		1
6	Nitrous acid concentrations in homes and offices in residential areas in Greater Cairo. <i>Journal of Environmental Monitoring</i> , <b>2002</b> , 4, 573-8		14
5	Atmospheric conversion of sulfur dioxide to particulate sulfate and nitrogen dioxide to particulate nitrate and gaseous nitric acid in an urban area. <i>Chemosphere</i> , <b>2002</b> , 49, 675-84	8.4	232
4	Suspended particulates and bioaerosols emitted from an agricultural non-point source. <i>Journal of Environmental Monitoring</i> , <b>2001</b> , 3, 206-9		31

- 3 Evaluation of airborne lead in the welding working environment. *Journal of Environmental Monitoring*, **2000**, 2, 119-21 7
- 2 Indoor and outdoor formaldehyde concentrations in homes in residential areas in Greater Cairo. *Journal of Environmental Monitoring*, **2000**, 2, 123-6 31
- 1 Organic dust and gaseous contaminants at wood working shops. *Journal of Environmental Monitoring*, **2000**, 2, 73-6 11