Mamdouh I Khoder

List of Publications by Citations

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	Atmospheric conversion of sulfur dioxide to particulate sulfate and nitrogen dioxide to particulate nitrate and gaseous nitric acid in an urban area. *Chemosphere*, **2002**, 49, 675-84	8.4	232
55	Ambient levels of volatile organic compounds in the atmosphere of Greater Cairo. *Atmospheric Environment*, **2007**, 41, 554-566	5.3	158
54	Source Apportionment and Elemental Composition of PM2.5 and PM10 in Jeddah City, Saudi Arabia. *Atmospheric Pollution Research*, **2012**, 3, 331-340	4.5	135
53	Microorganisms associated particulate matter: a preliminary study. *Science of the Total Environment* , **2014**, 479-480, 109-16	10.2	83
52	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. *Atmospheric Environment*, **2017**, 154, 200-224	5.3	78
51	Diurnal, seasonal and weekdays-weekends variations of ground level ozone concentrations in an urban area in greater Cairo. *Environmental Monitoring and Assessment*, **2009**, 149, 349-62	3.1	76
50	Seasonal and diurnal variations of BTEX and their potential for ozone formation in the urban background atmosphere of the coastal city Jeddah, Saudi Arabia. *Air Quality, Atmosphere and Health*, **2014**, 7, 467-480	5.6	62
49	Gas-particle concentration, distribution, and health risk assessment of polycyclic aromatic hydrocarbons at a traffic area of Giza, Egypt. *Environmental Monitoring and Assessment*, **2012**, 184, 3593-612	3.1	58
48	Diurnal distribution of airborne bacteria and fungi in the atmosphere of Helwan area, Egypt. *Science of the Total Environment*, **2009**, 407, 6217-22	10.2	58
47	Polycyclic aromatic hydrocarbons (PAHs) in indoor dust samples from Cities of Jeddah and Kuwait: Levels, sources and non-dietary human exposure. *Science of the Total Environment*, **2016**, 573, 1607-1614	10.2	56
46	Risk Assessment and Implication of Human Exposure to Road Dust Heavy Metals in Jeddah, Saudi Arabia. *International Journal of Environmental Research and Public Health*, **2017**, 15,	4.6	47
45	Temporal variations of O3 and NOx in the urban background atmosphere of the coastal city Jeddah, Saudi Arabia. *Atmospheric Environment*, **2014**, 94, 205-214	5.3	46
44	Characterization and Elemental Composition of Atmospheric Aerosol Loads during Springtime Dust Storm in Western Saudi Arabia. *Aerosol and Air Quality Research*, **2015**, 15, 440-453	4.6	46
43	Polycyclic aromatic hydrocarbons (PAHs) in the settled dust of automobile workshops, health and carcinogenic risk evaluation. *Science of the Total Environment*, **2017**, 601-602, 478-484	10.2	42
42	Study on some factors affecting survivability of airborne fungi. *Science of the Total Environment*, **2012**, 414, 696-700	10.2	41
41	Particulate matter from Saudi Arabia induces genes involved in inflammation, metabolic syndrome and atherosclerosis. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2014**, 77, 751-66	3.2	37
40	Weekday/weekend differences in ambient aerosol level and chemical characteristics of water-soluble components in the city centre. *Atmospheric Environment*, **2008**, 42, 7483-7493	5.3	37

39	Polycyclic aromatic hydrocarbons, brachial artery distensibility and blood pressure among children residing near an oil refinery. *Environmental Research*, **2015**, 136, 133-40	7.9	36
38	Atmospheric concentrations of polycyclic aromatic hydrocarbons and selected nitrated derivatives in Greater Cairo, Egypt. *Atmospheric Environment*, **2011**, 45, 7352-7352	5.3	35
37	Gene expression profiling and pathway analysis of human bronchial epithelial cells exposed to airborne particulate matter collected from Saudi Arabia. *Toxicology and Applied Pharmacology*, **2012** , 265, 147-57	4.6	34
36	Indoor and outdoor formaldehyde concentrations in homes in residential areas in Greater Cairo. *Journal of Environmental Monitoring*, **2000**, 2, 123-6		31
35	Suspended particulates and bioaerosols emitted from an agricultural non-point source. *Journal of Environmental Monitoring*, **2001**, 3, 206-9		31
34	Health risk associated with airborne particulate matter and its components in Jeddah, Saudi Arabia. *Science of the Total Environment*, **2017**, 590-591, 531-539	10.2	30
33	Receptor modelling study of polycyclic aromatic hydrocarbons in Jeddah, Saudi Arabia. *Science of the Total Environment*, **2015**, 506-507, 401-8	10.2	27
32	Chemical characteristics of atmospheric PM2.5 loads during air pollution episodes in Giza, Egypt. *Atmospheric Environment*, **2017**, 150, 346-355	5.3	27
31	Indoor air quality during renovation actions: a case study. *Journal of Environmental Monitoring*, **2004**, 6, 740-4		27
30	Urinary metabolites of polycyclic aromatic hydrocarbons in Saudi Arabian schoolchildren in relation to sources of exposure. *Environmental Research*, **2015**, 140, 495-501	7.9	25
29	Determination of rare earth elements in dust deposited on tree leaves from Greater Cairo using inductively coupled plasma mass spectrometry. *Environmental Pollution*, **2013**, 178, 197-201	9.3	24
28	Relationship of polycyclic aromatic hydrocarbons with oxy(quinone) and nitro derivatives during air mass transport. *Science of the Total Environment*, **2016**, 572, 1175-1183	10.2	22
27	Formaldehyde and Aromatic Volatile Hydrocarbons in the Indoor Air of Egyptian Office Buildings. *Indoor and Built Environment*, **2006**, 15, 379-387	1.8	21
26	Seasonal Behaviours and Weekdays/Weekends Differences in Elemental Composition of Atmospheric Aerosols in Cairo, Egypt. *Aerosol and Air Quality Research*, **2013**, 13, 1552-1562	4.6	21
25	Temporal variations of fine and coarse particulate matter sources in Jeddah, Saudi Arabia. *Journal of the Air and Waste Management Association*, **2018**, 68, 123-138	2.4	19
24	Particulate Matter and Number Concentrations of Particles Larger than 0.25 Ɱm in the Urban Atmosphere of Jeddah, Saudi Arabia. *Aerosol and Air Quality Research*, **2014**, 14, 1383-1391	4.6	19
23	Association between Exposure to Ambient Air Particulates and Metabolic Syndrome Components in a Saudi Arabian Population. *International Journal of Environmental Research and Public Health*, **2017**, 15,	4.6	18
22	Aerosols physical properties at Hada Al Sham, western Saudi Arabia. *Atmospheric Environment*, **2016**, 135, 109-117	5.3	17

21	Evaluation of the Effects of Airborne Particulate Matter on Bone Marrow-Mesenchymal Stem Cells (BM-MSCs): Cellular, Molecular and Systems Biological Approaches. *International Journal of Environmental Research and Public Health*, **2017**, 14,	4.6	15
20	Characteristics of gas‐phase nitric acid and ammonium‐nitrate‐sulfate aerosol, and their gas‐phase precursors in a suburban area in Cairo, Egypt. *Atmospheric Pollution Research*, **2013**, 4, 117-129	4.5	14
19	Nitrous acid concentrations in homes and offices in residential areas in Greater Cairo. *Journal of Environmental Monitoring*, **2002**, 4, 573-8		14
18	Association between sleeping hours and cardiometabolic risk factors for metabolic syndrome in a Saudi Arabian population. *BMJ Open*, **2015**, 5, e008590	3	13
17	In Vivo Exposures to Particulate Matter Collected from Saudi Arabia or Nickel Chloride Display Similar Dysregulation of Metabolic Syndrome Genes. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2015**, 78, 1421-36	3.2	13
16	Influence of petrochemical installations upon PAH concentrations at sites in Western Saudi Arabia. *Atmospheric Pollution Research*, **2016**, 7, 954-960	4.5	12
15	New particle formation, growth and apparent shrinkage at a rural background site in western Saudi Arabia. *Atmospheric Chemistry and Physics*, **2019**, 19, 10537-10555	6.8	11
14	Organic dust and gaseous contaminants at wood working shops. *Journal of Environmental Monitoring*, **2000**, 2, 73-6		11
13	Street Dust-Bound Polycyclic Aromatic Hydrocarbons in a Saudi Coastal City: Status, Profile, Sources, and Human Health Risk Assessment. *International Journal of Environmental Research and Public Health*, **2018**, 15,	4.6	11
12	Aerosol optical properties at rural background area in Western Saudi Arabia. *Atmospheric Research*, **2017**, 197, 370-378	5.4	10
11	Effects of airborne particulate matter on alternative pre-mRNA splicing in colon cancer cells. *Environmental Research*, **2015**, 140, 185-90	7.9	9
10	Fertile fungal spores collected on different faced surfaces in the atmosphere of Giza, Egypt. *Aerobiologia*, **2007**, 23, 47-57	2.4	9
9	Evaluation of airborne lead in the welding working environment. *Journal of Environmental Monitoring*, **2000**, 2, 119-21		7
8	Risk Assessment and Implications of Schoolchildren Exposure to Classroom Heavy Metals Particles in Jeddah, Saudi Arabia. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	7
7	Heavy Metal Distribution in Street Dust of Urban and Industrial Areas in Jeddah, Saudi Arabia **2012**, 23,		5
6	A Predictive Model for Steady State Ozone Concentration at an Urban-Coastal Site. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	5
5	Effect of Seasonal Variation on the Levels and Behaviours of Formaldehyde in the Atmosphere of a Suburban Area in Cairo, Egypt. *Asian Journal of Atmospheric Environment*, **2018**, 12, 356-368	1.3	4
4	Classroom Dust-Bound Polycyclic Aromatic Hydrocarbons in Jeddah Primary Schools, Saudi Arabia: Level, Characteristics and Health Risk Assessment. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	3

3	Characterization and Health Risk Assessment of Human Exposure to PAHs in Dust Deposited on Leaves of Street Trees in Egypt. *Polycyclic Aromatic Compounds*, **2020**, 40, 1013-1027	1.3	3
2	On the nature of polycyclic aromatic hydrocarbons associated with sporting walkways dust: Concentrations, sources and relative health risk. *Science of the Total Environment*, **2021**, 781, 146540	10.2	3
1	An analysis of pesticide impact on air quality, especially surface ozone. *Management of Environmental Quality*, **2002**, 13, 152-162		1