

Mansour A Alghamdi

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,728
citations

279487

23
h-index

288905

40
g-index

42
all docs

42
docs citations

42
times ranked

2770
citing authors

#	ARTICLE	IF	CITATIONS
1	Source apportionment and elemental composition of PM2.5 and PM10 in Jeddah City, Saudi Arabia. Atmospheric Pollution Research, 2012, 3, 331-340.	1.8	173
2	PHA Recovery from Biomass. Biomacromolecules, 2013, 14, 2963-2972.	2.6	141
3	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.	1.9	119
4	Microorganisms associated particulate matter: A preliminary study. Science of the Total Environment, 2014, 479-480, 109-116.	3.9	116
5	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.	1.5	88
6	Remediation of Cu(II), Ni(II), and Cr(III) ions from simulated wastewater by dendrimer/titania composites. Journal of Environmental Management, 2013, 117, 50-57.	3.8	78
7	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.	3.9	77
8	Risk Assessment and Implication of Human Exposure to Road Dust Heavy Metals in Jeddah, Saudi Arabia. International Journal of Environmental Research and Public Health, 2018, 15, 36.	1.2	77
9	Influence of traffic emissions on the composition of atmospheric particles of different sizes " Part 1: concentrations and elemental characterization. Journal of Atmospheric Chemistry, 2007, 58, 55-68.	1.4	61
10	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.	3.9	61
11	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.	0.9	58
12	Temporal variations of O3 and NOx in the urban background atmosphere of the coastal city Jeddah, Saudi Arabia. Atmospheric Environment, 2014, 94, 205-214.	1.9	56
13	Polycyclic aromatic hydrocarbons, brachial artery distensibility and blood pressure among children residing near an oil refinery. Environmental Research, 2015, 136, 133-140.	3.7	46
14	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, 147-157.	1.3	44
15	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, 751-766.	1.1	42
16	Health risk associated with airborne particulate matter and its components in Jeddah, Saudi Arabia. Science of the Total Environment, 2017, 590-591, 531-539.	3.9	37
17	Urinary metabolites of polycyclic aromatic hydrocarbons in Saudi Arabian schoolchildren in relation to sources of exposure. Environmental Research, 2015, 140, 495-501.	3.7	34
18	Receptor modelling study of polycyclic aromatic hydrocarbons in Jeddah, Saudi Arabia. Science of the Total Environment, 2015, 506-507, 401-408.	3.9	32

#	ARTICLE	IF	CITATIONS
19	Relationship of polycyclic aromatic hydrocarbons with oxy(quinone) and nitro derivatives during air mass transport. <i>Science of the Total Environment</i> , 2016, 572, 1175-1183.	3.9	30
20	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> , 2018, 15, 27.	1.2	28
21	Temporal variations of fine and coarse particulate matter sources in Jeddah, Saudi Arabia. <i>Journal of the Air and Waste Management Association</i> , 2018, 68, 123-138.	0.9	26
22	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> , 2014, 14, 1383-1391.	0.9	26
23	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> , 2017, 14, 440.	1.2	25
24	Characteristics and Risk Assessment of Heavy Metals in Airborne PM10 from a Residential Area of Northern Jeddah City, Saudi Arabia. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 939-949.	0.6	23
25	Environmental risk factors for diarrhoea among male schoolchildren in Jeddah City, Saudi Arabia. <i>Journal of Water and Health</i> , 2009, 7, 380-391.	1.1	20
26	Aerosols physical properties at Hada Al Sham, western Saudi Arabia. <i>Atmospheric Environment</i> , 2016, 135, 109-117.	1.9	20
27	Influence of petrochemical installations upon PAH concentrations at sites in Western Saudi Arabia. <i>Atmospheric Pollution Research</i> , 2016, 7, 954-960.	1.8	19
28	New particle formation, growth and apparent shrinkage at a rural background site in western Saudi Arabia. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10537-10555.	1.9	19
29	Mutual Information Input Selector and Probabilistic Machine Learning Utilisation for Air Pollution Proxies. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4475.	1.3	19
30	Association between sleeping hours and cardiometabolic risk factors for metabolic syndrome in a Saudi Arabian population. <i>BMJ Open</i> , 2015, 5, e008590.	0.8	18
31	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> , 2018, 15, 2397.	1.2	18
32	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> , 2015, 78, 1421-1436.	1.1	16
33	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> , 2019, 16, 5017.	1.2	15
34	Aerosol optical properties at rural background area in Western Saudi Arabia. <i>Atmospheric Research</i> , 2017, 197, 370-378.	1.8	13
35	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> , 2021, 781, 146540.	3.9	13
36	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> , 2020, 17, 2779.	1.2	11

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37	Effects of airborne particulate matter on alternative pre-mRNA splicing in colon cancer cells. Environmental Research, 2015, 140, 185-190.	3.7	10
38	Elemental Chemical Composition, Size and Morphological Characterization of Individual Atmospheric Particles Within an Air Quality Program. Microscopy and Microanalysis, 2009, 15, 1300-1301.	0.2	8
39	A Predictive Model for Steady State Ozone Concentration at an Urban-Coastal Site. International Journal of Environmental Research and Public Health, 2019, 16, 258.	1.2	7
40	Insights into the house dust-bound polycyclic aromatic hydrocarbons and their potential human health risk in Greater Cairo, Egypt. Indoor and Built Environment, 2022, 31, 2312-2330.	1.5	4
41	Particle size distribution measurements at Hada Al Sham, western Saudi Arabia. , 2013, , .		0