

Mohamed F Yassin

List of Publications by Year in descending order

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52
papers

816
citations

566801

15
h-index

525886

27
g-index

56
all docs

56
docs citations

56
times ranked

861
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic analysis of the relationship between atmospheric variables and coronavirus disease (COVID-19) in a hot, arid climate. <i>Integrated Environmental Assessment and Management</i> , 2022, 18, 500-516.	1.6	0
2	Wet Scavenging in Removing Chemical Compositions and Aerosols: A Case Study Over the Lake Urmia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	6
3	Special issue on applications of air quality in science and engineering. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 689-690.	1.8	0
4	Microbiological contamination of indoor and outdoor environments in a desert climate. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 355.	1.3	3
5	Modeling gaseous emissions and dispersion of two major greenhouse gases from landfill sites in arid hot environment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 15424-15434.	2.7	5
6	First Measurements of Carbonaceous Aerosol across Urban, Rural and Residential Areas in Jeddah City, Saudi Arabia. <i>Asian Journal of Atmospheric Environment</i> , 2021, 15, 81-94.	0.4	3
7	Numerical simulation of gas dispersion from rooftop stacks on buildings in urban environments under changes in atmospheric thermal stability. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 22.	1.3	4
8	Monitoring of volatile organic compounds in different schools: a determinant of the indoor air quality. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 2733-2744.	1.8	10
9	Special issue of the workshop on indoor air quality in hot arid climate. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 2537-2537.	1.8	1
10	Acute effects of air pollution on mortality: A 17-year analysis in Kuwait. <i>Environment International</i> , 2019, 126, 476-483.	4.8	58
11	Indoor and outdoor air concentrations of volatile organic compounds in schools within different urban areas. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 2831-2838.	1.8	9
12	Health risk assessment associated with volatile organic compounds in a parking garage. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 2549-2564.	1.8	12
13	Gaseous air pollution background estimation in urban, suburban, and rural environments. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	10
14	Assessment of the atmospheric mixing layer height and its effects on pollutant dispersion. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 372.	1.3	20
15	Dust storms backward Trajectories' and source identification over Kuwait. <i>Atmospheric Research</i> , 2018, 212, 158-171.	1.8	68
16	OZONE BACKGROUND LEVELS AND TRENDS IN THE STATE OF KUWAIT. , 2018, , .		3
17	Assessment of noise exposure and associated health risk in school environment. <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 2011-2024.	1.8	11
18	Polycyclic aromatic hydrocarbons collected from indoor built environments on heating, ventilation and air conditioning dust filters. <i>Indoor and Built Environment</i> , 2016, 25, 137-150.	1.5	11

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19	Experimental and computational study of particulate matter of secondhand smoke in indoor environment. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 73-86.	1.8	8
20	Effect of Building Orientations on Gaseous Dispersion in Street Canyon: a Numerical Study. <i>Environmental Modeling and Assessment</i> , 2014, 19, 335-344.	1.2	4
21	Computational Fluid Dynamics (CFD) Simulations on the Effect of Rough Surface on Atmospheric Turbulence Flow Above Hilly Terrain Shapes. <i>Environmental Forensics</i> , 2014, 15, 159-174.	1.3	4
22	Numerical modeling on air quality in an urban environment with changes of the aspect ratio and wind direction. <i>Environmental Science and Pollution Research</i> , 2013, 20, 3975-3988.	2.7	39
23	A wind tunnel study on the effect of thermal stability on flow and dispersion of rooftop stack emissions in the near wake of a building. <i>Atmospheric Environment</i> , 2013, 65, 89-100.	1.9	31
24	Effect of street geometrical layout on dispersion emissions of traffic exhaust: experimental simulation. <i>Clean Technologies and Environmental Policy</i> , 2013, 15, 167-177.	2.1	11
25	Experimental study on contamination of building exhaust emissions in urban environment under changes of stack locations and atmospheric stability. <i>Energy and Buildings</i> , 2013, 62, 68-77.	3.1	16
26	Kinetic analysis and modelling of thermal degradation of perspex (PMMA) and perspex blend plastic waste. <i>Canadian Journal of Chemical Engineering</i> , 2013, 91, 1281-1288.	0.9	4
27	Numerical simulation of the impact of street geometry on vehicle emissions in urban area. <i>International Journal of Environment and Pollution</i> , 2013, 53, 46.	0.2	1
28	Experimental simulation of air quality in street canyon under changes of building orientation and aspect ratio. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2012, 22, 502-515.	1.8	12
29	Experimental simulation of wind flow over the ridge topography. <i>Air Quality, Atmosphere and Health</i> , 2012, 5, 293-301.	1.5	5
30	Filtering effect of wind flow turbulence on atmospheric pollutant dispersion. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 3749-3760.	1.3	3
31	Stochastic modeling of the impact of meteorological conditions on road traffic accidents. <i>Stochastic Environmental Research and Risk Assessment</i> , 2012, 26, 739-750.	1.9	21
32	Assessment of indoor PM2.5 in different residential environments. <i>Atmospheric Environment</i> , 2012, 56, 65-68.	1.9	40
33	Experimental study of the impact of structural geometry and wind direction on vehicle emissions in urban environment. <i>Transportation Research, Part D: Transport and Environment</i> , 2012, 17, 161-168.	3.2	11
34	Impact of height and shape of building roof on air quality in urban street canyons. <i>Atmospheric Environment</i> , 2011, 45, 5220-5229.	1.9	75
35	Stochastic analysis of concentration field in a wake region. <i>Environmental Science and Pollution Research</i> , 2011, 18, 270-281.	2.7	1
36	Impact of Sulfur Dioxide Emissions of Power Stations on Ambient Air Quality. <i>Environmental Engineering Science</i> , 2011, 28, 469-475.	0.8	6

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37	Assessment of airborne bacteria and fungi in an indoor and outdoor environment. International Journal of Environmental Science and Technology, 2010, 7, 535-544.	1.8	110
38	Evaluating the impacts of SO ₂ emissions from power stations in Kuwait. WIT Transactions on Ecology and the Environment, 2010, , .	0.0	2
39	Study on gas diffusion emitted from different height of point source. Environmental Monitoring and Assessment, 2009, 148, 379-395.	1.3	2
40	Numerical study of flow and gas diffusion in the near-wake behind an isolated building. Advances in Atmospheric Sciences, 2009, 26, 1241-1252.	1.9	3
41	Methodologies for data mining and modeling of atmospheric pollutants. , 2009, , .		0
42	Data mining model for atmospheric pollutants from elevated point sources. , 2009, , .		0
43	Experimental study on flow and gaseous diffusion behind an isolated building. Environmental Monitoring and Assessment, 2008, 147, 149-158.	1.3	15
44	Impact of street intersections on air quality in an urban environment. Atmospheric Environment, 2008, 42, 4948-4963.	1.9	26
45	PROBABILITY CHARACTERISTICS OF CONCENTRATION FLUCTUATIONS IN PLUME DISPERSAL. JES Journal of Engineering Sciences, 2008, 36, 115-130.	0.0	0
46	Experimental Study on Turbulence Flow Characteristics Over A Step Model. JES Journal of Engineering Sciences, 2007, 35, 829-834.	0.0	0
47	INVESTIGATION OF TWO DIMENSIONAL WAKE PRESSURES DOWNSTREAM OF PERFORATED PLATES. JES Journal of Engineering Sciences, 2006, 34, 1605-1612.	0.0	0
48	EXPERIMENTAL STUDY OF ROUGHNESS EFFECTS ON TURBULENT BOUNDARY LAYER FLOW OVER A TWO-DIMENSIONAL HILL. JES Journal of Engineering Sciences, 2006, 34, 1831-1841.	0.0	0
49	Wind tunnel tests of effects of atmospheric stability on turbulent flow over a three-dimensional hill. Journal of Wind Engineering and Industrial Aerodynamics, 2005, 93, 155-169.	1.7	36
50	Field and wind-tunnel study of pollutant dispersion in a built-up area under various meteorological conditions. Journal of Wind Engineering and Industrial Aerodynamics, 2005, 93, 361-382.	1.7	46
51	Turbulence characteristics of wind over a hill with a rough surface. Journal of Wind Engineering and Industrial Aerodynamics, 2002, 90, 1697-1706.	1.7	36
52	GIS-based geostatistical approaches study on spatial-temporal distribution of ozone and its sources in hot, arid climates. Air Quality, Atmosphere and Health, 0, , 1.	1.5	3