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	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
2	Impact of height and shape of building roof on air quality in urban street canyons. Atmospheric Environment, 2011, 45, 5220-5229.	1.9	75
3	Dust storms backward Trajectories' and source identification over Kuwait. Atmospheric Research, 2018, 212, 158-171.	1.8	68
4	Acute effects of air pollution on mortality: A 17-year analysis in Kuwait. Environment International, 2019, 126, 476-483.	4.8	58
5	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
6	Assessment of indoor PM2.5 in different residential environments. Atmospheric Environment, 2012, 56, 65-68.	1.9	40
7	Numerical modeling on air quality in an urban environment with changes of the aspect ratio and wind direction. Environmental Science and Pollution Research, 2013, 20, 3975-3988.	2.7	39
8	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
9	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
10	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. Atmospheric Environment, 2013, 65, 89-100.	1.9	31
11	Impact of street intersections on air quality in an urban environment. Atmospheric Environment, 2008, 42, 4948-4963.	1.9	26
12	Stochastic modeling of the impact of meteorological conditions on road traffic accidents. Stochastic Environmental Research and Risk Assessment, 2012, 26, 739-750.	1.9	21
13	Assessment of the atmospheric mixing layer height and its effects on pollutant dispersion. Environmental Monitoring and Assessment, 2018, 190, 372.	1.3	20
14	Experimental study on contamination of building exhaust emissions in urban environment under changes of stack locations and atmospheric stability. Energy and Buildings, 2013, 62, 68-77.	3.1	16
15	Experimental study on flow and gaseous diffusion behind an isolated building. Environmental Monitoring and Assessment, 2008, 147, 149-158.	1.3	15
16	Experimental simulation of air quality in street canyon under changes of building orientation and aspect ratio. Journal of Exposure Science and Environmental Epidemiology, 2012, 22, 502-515.	1.8	12
17	Health risk assessment associated with volatile organic compounds in a parking garage. International Journal of Environmental Science and Technology, 2019, 16, 2549-2564.	1.8	12
18	Experimental study of the impact of structural geometry and wind direction on vehicle emissions in urban environment. Transportation Research, Part D: Transport and Environment, 2012, 17, 161-168.	3.2	11

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19	Effect of street geometrical layout on dispersion emissions of traffic exhaust: experimental simulation. Clean Technologies and Environmental Policy, 2013, 15, 167-177.	2.1	11
20	Assessment of noise exposure and associated health risk in school environment. International Journal of Environmental Science and Technology, 2016, 13, 2011-2024.	1.8	11
21	Polycyclic aromatic hydrocarbons collected from indoor built environments on heating, ventilation and air conditioning dust filters. Indoor and Built Environment, 2016, 25, 137-150.	1.5	11
22	Gaseous air pollution background estimation in urban, suburban, and rural environments. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	10
23	Monitoring of volatile organic compounds in different schools: a determinant of the indoor air quality. International Journal of Environmental Science and Technology, 2019, 16, 2733-2744.	1.8	10
24	Indoor and outdoor air concentrations of volatile organic compounds in schools within different urban areas. International Journal of Environmental Science and Technology, 2019, 16, 2831-2838.	1.8	9
25	Experimental and computational study of particulate matter of secondhand smoke in indoor environment. International Journal of Environmental Science and Technology, 2015, 12, 73-86.	1.8	8
26	Impact of Sulfur Dioxide Emissions of Power Stations on Ambient Air Quality. Environmental Engineering Science, 2011, 28, 469-475.	0.8	6
27	Wet Scavenging in Removing Chemical Compositions and Aerosols: A Case Study Over the Lake Urmia. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	6
28	Experimental simulation of wind flow over the ridge topography. Air Quality, Atmosphere and Health, 2012, 5, 293-301.	1.5	5
29	Modeling gaseous emissions and dispersion of two major greenhouse gases from landfill sites in arid hot environment. Environmental Science and Pollution Research, 2021, 28, 15424-15434.	2.7	5
30	Kinetic analysis and modelling of thermal degradation of perspex (PMMA) and perspex blend plastic waste. Canadian Journal of Chemical Engineering, 2013, 91, 1281-1288.	0.9	4
31	Effect of Building Orientations on Gaseous Dispersion in Street Canyon: a Numerical Study. Environmental Modeling and Assessment, 2014, 19, 335-344.	1.2	4
32	Computational Fluid Dynamics (CFD) Simulations on the Effect of Rough Surface on Atmospheric Turbulence Flow Above Hilly Terrain Shapes. Environmental Forensics, 2014, 15, 159-174.	1.3	4
33	Numerical simulation of gas dispersion from rooftop stacks on buildings in urban environments under changes in atmospheric thermal stability. Environmental Monitoring and Assessment, 2021, 193, 22.	1.3	4
34	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
35	Filtering effect of wind flow turbulence on atmospheric pollutant dispersion. Environmental Monitoring and Assessment, 2012, 184, 3749-3760.	1.3	3
36	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

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37	First Measurements of Carbonaceous Aerosol across Urban, Rural and Residential Areas in Jeddah City, Saudi Arabia. Asian Journal of Atmospheric Environment, 2021, 15, 81-94.	0.4	3
38	OZONE BACKGROUND LEVELS AND TRENDS IN THE STATE OF KUWAIT. , 2018, , .		3
39	Microbiological contamination of indoor and outdoor environments in a desert climate. Environmental Monitoring and Assessment, 2022, 194, 355.	1.3	3
40	Study on gas diffusion emitted from different height of point source. Environmental Monitoring and Assessment, 2009, 148, 379-395.	1.3	2
41	Evaluating the impacts of SO₂emissions from power stations in Kuwait. WIT Transactions on Ecology and the Environment, 2010, , .	0.0	2
42	Stochastic analysis of concentration field in a wake region. Environmental Science and Pollution Research, 2011, 18, 270-281.	2.7	1
43	Numerical simulation of the impact of street geometry on vehicle emissions in urban area. International Journal of Environment and Pollution, 2013, 53, 46.	0.2	1
44	Special issue of the workshop on indoor air quality in hot arid climate. International Journal of Environmental Science and Technology, 2019, 16, 2537-2537.	1.8	1
45	Methodologies for data mining and modeling of atmospheric pollutants. , 2009, , .		0
46	Stochastic analysis of the relationship between atmospheric variables and coronavirus disease (COVIDâ€19) in a hot, arid climate. Integrated Environmental Assessment and Management, 2022, 18, 500-516.	1.6	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	Experimental Study on Turbulence Flow Characteristics Over A Step Model. JES Journal of Engineering Sciences, 2007, 35, 829-834.	0.0	0
50	PROBABILITY CHARACTERISTICS OF CONCENTRATION FLUCTUATIONS IN PLUME DISPERSAL. JES Journal of Engineering Sciences, 2008, 36, 115-130.	0.0	0
51	Data mining model for atmospheric pollutants from elevated point sources. , 2009, , .		0
52	Special issue on applications of air quality in science and engineering. International Journal of Environmental Science and Technology, 2022, 19, 689-690.	1.8	0