Said Munir

List of Publications by Year
in descending order

33 papers	677 citations	623188 14 h-index	580395 25 g-index
33 all docs	33 docs citations	33 times ranked	780 citing authors

#	Article	IF	Citations
1	Comparing the Performance of Statistical Models for Predicting PM10 Concentrations. Aerosol and Air Quality Research, 2014, 14, 653-665.	0.9	80
2	Analysing the performance of low-cost air quality sensors, their drivers, relative benefits and calibration in citiesâ€"a case study in Sheffield. Environmental Monitoring and Assessment, 2019, 191, 94.	1.3	76
3	Analysing PM2.5 and its Association with PM10 and Meteorology in the Arid Climate of Makkah, Saudi Arabia. Aerosol and Air Quality Research, 2017, 17, 453-464.	0.9	68
4	Modeling Particulate Matter Concentrations in Makkah, Applying a Statistical Modeling Approach. Aerosol and Air Quality Research, 2013, 13, 901-910.	0.9	63
5	Analysing Temporal Trends in the Ratios of PM2.5/PM10 in the UK. Aerosol and Air Quality Research, 2017, 17, 34-48.	0.9	52
6	Quantifying temporal trends of atmospheric pollutants in Makkah (1997â€"2012). Atmospheric Environment, 2013, 77, 647-655.	1.9	44
7	Quantifying temporal trends in ground level ozone concentration in the UK. Science of the Total Environment, 2013, 458-460, 217-227.	3.9	33
8	Modelling the impact of road traffic on ground level ozone concentration using a quantile regression approach. Atmospheric Environment, 2012, 60, 283-291.	1.9	29
9	Structuring an integrated air quality monitoring network in large urban areas â€" Discussing the purpose, criteria and deployment strategy. Atmospheric Environment: X, 2019, 2, 100027.	0.8	25
10	Changes in Air Quality Associated with Mobility Trends and Meteorological Conditions during COVID-19 Lockdown in Northern England, UK. Atmosphere, 2021, 12, 504.	1.0	25
11	Characterizing temporal variability of PM_{2.5}/PM₁₀ ratio and its relationship with meteorological parameters in Bahrain. Environmental Forensics, 2018, 19, 315-326.	1.3	22
12	Temporal analysis of air pollution and its relationship with meteorological parameters in Bahrain, 2006â€"2012. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	20
13	Spatiotemporal analysis of fine particulate matter (PM2.5) in Saudi Arabia using remote sensing data. Egyptian Journal of Remote Sensing and Space Science, 2016, 19, 195-205.	1.1	17
14	Analysis of Air Pollution in Urban Areas with Airviro Dispersion Modelâ€"A Case Study in the City of Sheffield, United Kingdom. Atmosphere, 2020, 11, 285.	1.0	17
15	Modelling the non-linear association of particulate matter (PM10) with meteorological parameters and other air pollutantsâ€"a case study in Makkah. Arabian Journal of Geosciences, 2016, 9, 1.	0.6	14
16	The Interaction between Air Quality and Meteorological Factors in an Arid Environment of Makkah, Saudi Arabia. International Journal of Environmental Science and Development, 2015, 6, 576-580.	0.2	13
17	Comparing different approaches for assessing the impact of COVID-19 lockdown on urban air quality in Reading, UK. Atmospheric Research, 2021, 261, 105730.	1.8	12
18	Vehicular emissions on main roads in Makkah, Saudi Arabiaâ€"a dispersion modelling study. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	8

#	Article	IF	Citations
19	Non-parametric nature of ground-level ozone and its dependence on nitrogen oxides (NOx): a view point of vehicular emissions. , 2011, , .		7
20	Modelling Ozone-Temperature Slope under Atypically High Temperature in Arid Climatic Conditions of Makkah, Saudi Arabia. Aerosol and Air Quality Research, 2015, 15, 1281-1290.	0.9	7
21	Application of Density Plots and Time Series Modelling to the Analysis of Nitrogen Dioxides Measured by Low-Cost and Reference Sensors in Urban Areas. Nitrogen, 2021, 2, 167-195.	0.6	6
22	Characterising the temporal variations of ground-level ozone and its relationship with traffic-related air pollutants in the united kingdom: a quantile regression approach. International Journal of Sustainable Development and Planning, 2014, 9, 29-41.	0.3	6
23	A Nonlinear Land Use Regression Approach for Modelling NO2 Concentrations in Urban Areasâ€"Using Data from Low-Cost Sensors and Diffusion Tubes. Atmosphere, 2020, 11, 736.	1.0	5
24	Understanding Spatial Variability of NO2 in Urban Areas Using Spatial Modelling and Data Fusion Approaches. Atmosphere, 2021, 12, 179.	1.0	5
25	Modelling the Effect of COVID-19 Lockdown on Air Pollution in Makkah Saudi Arabia with a Supervised Machine Learning Approach. Toxics, 2022, 10, 225.	1.6	5
26	Analysis and Sources Identification of Atmospheric PM10 and Its Cation and Anion Contents in Makkah, Saudi Arabia. Atmosphere, 2022, 13, 87.	1.0	4
27	Source Apportionment of Atmospheric PM10 in Makkah Saudi Arabia by Modelling Its Ion and Trace Element Contents with Positive Matrix Factorization and Generalised Additive Model. Toxics, 2022, 10, 119.	1.6	4
28	An investigation into the association of ozone with traffic-related air pollutants using a quantile regression approach. , 2011, , .		3
29	A computationally efficient symmetric diagonally dominant matrix projection-based Gaussian process approach. Signal Processing, 2021, 183, 108034.	2.1	2
30	A Gaussian Process Method with Uncertainty Quantification for Air Quality Monitoring. Atmosphere, 2021, 12, 1344.	1.0	2
31	Analysis and Modeling of Air Pollution in Extreme Meteorological Conditions: A Case Study of Jeddah, the Kingdom of Saudi Arabia. Toxics, 2022, 10, 376.	1.6	2
32	Modelling the occurrence and spatial distribution of screwworm species in Northern Pakistan. Environmental Monitoring and Assessment, 2021, 193, 772.	1.3	1
33	Analysing the spatial variability of ground-level ozone in the UK using a generalised additive model. International Journal of Environment and Pollution, 2013, 53, 176.	0.2	0