Mohd Talib Latif

List of Publications by Year
in descending order

239 papers	6,173 citations	94381 37 h-index	110317 64 g-index
255 all docs	255 docs citations	255 times ranked	5513 citing authors

#	Article	IF	Citations
1	COVID-19's impact on the atmospheric environment in the Southeast Asia region. Science of the Total Environment, 2020, 736, 139658.	3.9	230
2	Spatial assessment of air quality patterns in Malaysia using multivariate analysis. Atmospheric Environment, 2012, 60, 172-181.	1.9	209
3	Concentration and source identification of polycyclic aromatic hydrocarbons (PAHs) in PM10 of urban, industrial and semi-urban areas in Malaysia. Atmospheric Environment, 2014, 86, 16-27.	1.9	201
4	Trend and status of air quality at three different monitoring stations in the Klang Valley, Malaysia. Air Quality, Atmosphere and Health, 2010, 3, 53-64.	1.5	163
5	Impact of regional haze towards air quality in Malaysia: A review. Atmospheric Environment, 2018, 177, 28-44.	1.9	143
6	Fine particulate matter in the tropical environment: monsoonal effects, source apportionment, and health risk assessment. Atmospheric Chemistry and Physics, 2016, 16, 597-617.	1.9	138
7	Seasonal effect and source apportionment of polycyclic aromatic hydrocarbons in PM2.5. Atmospheric Environment, 2015, 106, 178-190.	1.9	136
8	Prediction of the Level of Air Pollution Using Principal Component Analysis and Artificial Neural Network Techniques: a Case Study in Malaysia. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	119
9	Seasonal variability of PM<sub>2.5</sub> composition and sources in the Klang Valley urban-industrial environment. Atmospheric Chemistry and Physics, 2016, 16, 5357-5381.	1.9	102
10	Surfactants in Atmospheric Aerosols. Environmental Science & Technology, 2004, 38, 6501-6506.	4.6	101
11	Source apportionment and health risk assessment among specific age groups during haze and non-haze episodes in Kuala Lumpur, Malaysia. Science of the Total Environment, 2017, 601-602, 556-570.	3.9	94
12	Particulate matter (PM2.5) as a potential SARS-CoV-2 carrier. Scientific Reports, 2021, 11, 2508.	1.6	94
13	Composition of selected heavy metals in road dust from Kuala Lumpur city centre. Environmental Earth Sciences, 2014, 72, 849-859.	1.3	93
14	Diagnosing spatial biases and uncertainties in global fire emissions inventories: Indonesia as regional case study. Remote Sensing of Environment, 2020, 237, 111557.	4.6	89
15	Long term assessment of air quality from a background station on the Malaysian Peninsula. Science of the Total Environment, 2014, 482-483, 336-348.	3.9	86
16	Short-term effects of daily air pollution on mortality. Atmospheric Environment, 2013, 65, 69-79.	1.9	85
17	Spatio-temporal characteristics of PM10 concentration across Malaysia. Atmospheric Environment, 2009, 43, 4584-4594.	1.9	84
18	A case-crossover analysis of forest fire haze events and mortality in Malaysia. Atmospheric Environment, 2014, 96, 257-265.	1.9	83

#	Article	IF	Citations
19	Fitting a mixture of von Mises distributions in order to model data on wind direction in Peninsular Malaysia. Energy Conversion and Management, 2013, 72, 94-102.	4.4	80
20	Factors influencing the variations of PM10 aerosol dust in Klang Valley, Malaysia during the summer. Atmospheric Environment, 2011, 45, 4370-4378.	1.9	79
21	Composition of heavy metals in indoor dust and their possible exposure: a case study of preschool children in Malaysia. Air Quality, Atmosphere and Health, 2014, 7, 181-193.	1.5	70
22	Demystifying a Possible Relationship between COVID-19, Air Quality and Meteorological Factors: Evidence from Kuala Lumpur, Malaysia. Aerosol and Air Quality Research, 2020, 20, 1520-1529.	0.9	66
23	New estimate of particulate emissions from Indonesian peat fires in 2015. Atmospheric Chemistry and Physics, 2019, 19, 11105-11121.	1.9	63
24	Distribution, sources and potential health risks of polycyclic aromatic hydrocarbons (PAHs) in PM2.5 collected during different monsoon seasons and haze episode in Kuala Lumpur. Chemosphere, 2019, 219, 1-14.	4.2	59
25	The Impact of Movement Control Order (MCO) during Pandemic COVID-19 on Local Air Quality in an Urban Area of Klang Valley, Malaysia. Aerosol and Air Quality Research, 2020, 20, 1237-1248.	0.9	59
26	Concentration of particulate matter, CO and CO2 in selected schools inÂMalaysia. Building and Environment, 2015, 87, 108-116.	3.0	58
27	Variation of major air pollutants in different seasonal conditions in an urban environment in Malaysia. Geoscience Letters, 2018, 5, .	1.3	56
28	Variations of surface ozone concentration across the Klang Valley, Malaysia. Atmospheric Environment, 2012, 61, 434-445.	1.9	55
29	Artificial neural networks and fuzzy time series forecasting: an application to air quality. Quality and Quantity, 2015, 49, 2633-2647.	2.0	55
30	Surfactants in the sea-surface microlayer and their contribution to atmospheric aerosols around coastal areas of the Malaysian peninsula. Marine Pollution Bulletin, 2010, 60, 1584-1590.	2.3	53
31	Challenges and future direction of molecular research in air pollution-related lung cancers. Lung Cancer, 2018, 118, 69-75.	0.9	51
32	The exposure of children to PM2.5 and dust in indoor and outdoor school classrooms in Kuala Lumpur City Centre. Ecotoxicology and Environmental Safety, 2019, 170, 739-749.	2.9	48
33	Characteristics of Surface Ozone Concentrations at Stations with Different Backgrounds in the Malaysian Peninsula. Aerosol and Air Quality Research, 2013, 13, 1090-1106.	0.9	47
34	Variation of surface ozone exceedance around Klang Valley, Malaysia. Atmospheric Research, 2014, 139, 116-127.	1.8	45
35	WTO must ban harmful fisheries subsidies. Science, 2021, 374, 544-544.	6.0	45
36	Air pollution impacts from COVID-19 pandemic control strategies in Malaysia. Journal of Cleaner Production, 2021, 291, 125992.	4.6	43

#	Article	IF	Citations
37	Composition and source apportionment of surfactants in atmospheric aerosols of urban and semi-urban areas in Malaysia. Chemosphere, 2013, 91, 1508-1516.	4.2	42
38	BTEX compositions and its potential health impacts in Malaysia. Chemosphere, 2019, 237, 124451.	4.2	41
39	Risk of concentrations of major air pollutants on the prevalence of cardiovascular and respiratory diseases in urbanized area of Kuala Lumpur, Malaysia. Ecotoxicology and Environmental Safety, 2019, 171, 290-300.	2.9	41
40	The concentration of major air pollutants during the movement control order due to the COVID-19 pandemic in the Klang Valley, Malaysia. Sustainable Cities and Society, 2021, 66, 102660.	5.1	41
41	Spatial and temporal air quality pattern recognition using environmetric techniques: a case study in Malaysia. Environmental Sciences: Processes and Impacts, 2013, 15, 1717.	1.7	39
42	Source apportionment of surfactants in marine aerosols at different locations along the Malacca Straits. Environmental Science and Pollution Research, 2014, 21, 6590-6602.	2.7	39
43	Comprehensive assessment of $PM_{2.5}$ physicochemical properties during the Southeast Asia dry season (southwest monsoon). Journal of Geophysical Research D: Atmospheres, 2016, 121, 14,589.	1.2	39
44	Anomaly detection and assessment of PM 10 functional data at several locations in the Klang Valley, Malaysia. Atmospheric Pollution Research, 2015, 6, 365-375.	1.8	37
45	Preparation and characterization of powdered and granular activated carbon from Palmae biomass for mercury removal. Applied Water Science, 2021, 11, 1.	2.8	36
46	Seasonal ARIMA for Forecasting Air Pollution Index: A Case Study. American Journal of Applied Sciences, 2012, 9, 570-578.	0.1	35
47	Annual variations of carbonaceous $PM_{2.5}$ in Malaysia: influence by Indonesian peatland fires. Atmospheric Chemistry and Physics, 2015, 15, 13319-13329.	1.9	35
48	Spatial assessment of land use impact on air quality in mega urban regions, Malaysia. Sustainable Cities and Society, 2020, 63, 102436.	5.1	35
49	Temporal Distribution and Chemical Characterization of Atmospheric Particulate Matter in the Eastern Coast of Peninsular Malaysia. Aerosol and Air Quality Research, 2013, 13, 584-595.	0.9	35
50	Dust and Gas Emissions from Small-Scale Peat Combustion. Aerosol and Air Quality Research, 2013, 13, 1045-1059.	0.9	34
51	Particulate Air Pollution at Schools: Indoor-Outdoor Relationship and Determinants of Indoor Concentrations. Aerosol and Air Quality Research, 2017, 17, 857-864.	0.9	34
52	PM2.5 and ozone in office environments and their potential impact on human health. Ecotoxicology and Environmental Safety, 2020, 194, 110432.	2.9	33
53	Compositions of Dust Fall around Semi-Urban Areas in Malaysia. Aerosol and Air Quality Research, 2012, 12, 629-642.	0.9	33
54	Feed-Forward Artificial Neural Network Model for Air Pollutant Index Prediction in the Southern Region of Peninsular Malaysia. Journal of Environmental Protection, 2013, 04, 1-10.	0.3	33

#	Article	IF	Citations
55	Overview of atmospheric aerosol studies in Malaysia: Known and unknown. Atmospheric Research, 2016, 182, 302-318.	1.8	31
56	Quantitative source apportionment and human toxicity of indoor trace metals at university buildings. Building and Environment, 2017, 121, 238-246.	3.0	31
57	Evaluation of distribution and sources of sewage molecular marker (LABs) in selected rivers and estuaries of Peninsular Malaysia. Environmental Science and Pollution Research, 2016, 23, 5693-5704.	2.7	30
58	Air quality and health impacts of vegetation and peat fires in Equatorial Asia during 2004–2015. Environmental Research Letters, 2020, 15, 094054.	2.2	30
59	The PM10 compositions, sources and health risks assessment in mechanically ventilated office buildings in an urban environment. Air Quality, Atmosphere and Health, 2016, 9, 597-612.	1.5	29
60	Physicochemical factors and sources of particulate matter at residential urban environment in Kuala Lumpur. Journal of the Air and Waste Management Association, 2015, 65, 958-969.	0.9	28
61	Source apportionment and health risk assessment of PM10 in a naturally ventilated school in a tropical environment. Ecotoxicology and Environmental Safety, 2016, 124, 351-362.	2.9	28
62	Characterization and source profiling of volatile organic compounds in indoor air of private residences in Selangor State, Malaysia. Science of the Total Environment, 2017, 586, 1279-1286.	3.9	28
63	Quantitative assessment of source contributions to PM2.5 on the west coast of Peninsular Malaysia to determine the burden of Indonesian peatland fire. Atmospheric Environment, 2017, 171, 111-117.	1.9	28
64	Local and transboundary factors' impacts on trace gases and aerosol during haze episode in 2015 El Niño in Malaysia. Science of the Total Environment, 2018, 630, 1502-1514.	3.9	28
65	A Review of Southeast Asian Oil Palm and Its CO2 Fluxes. Sustainability, 2020, 12, 5077.	1.6	28
66	Surfactants in South East Asian Aerosols. Environmental Chemistry, 2005, 2, 198.	0.7	27
67	Distribution of surfactants along the estuarine area of Selangor River, Malaysia. Marine Pollution Bulletin, 2014, 80, 344-350.	2.3	27
68	Source Contribution of PM2.5 at Different Locations on the Malaysian Peninsula. Bulletin of Environmental Contamination and Toxicology, 2015, 94, 537-542.	1.3	27
69	Physicochemical factors and their potential sources inferred from long-term rainfall measurements at an urban and a remote rural site in tropical areas. Science of the Total Environment, 2018, 613-614, 1401-1416.	3.9	27
70	Ambient BTEX levels over urban, suburban and rural areas in Malaysia. Air Quality, Atmosphere and Health, 2019, 12, 341-351.	1.5	27
71	Ambient volatile organic compounds in tropical environments: Potential sources, composition and impacts – A review. Chemosphere, 2021, 285, 131355.	4.2	27
72	Concentration and source apportionment of volatile organic compounds (VOCs) in the ambient air of Kuala Lumpur, Malaysia. Natural Hazards, 2017, 85, 437-452.	1.6	26

#	Article	IF	Citations
73	Airborne particles in the city center of Kuala Lumpur: Origin, potential driving factors, and deposition flux in human respiratory airways. Science of the Total Environment, 2019, 650, 1195-1206.	3.9	26
74	Vertical distribution of smoke aerosols over upper Indo-Gangetic Plain. Environmental Pollution, 2020, 257, 113377.	3.7	26
75	Pollution characteristics, sources, and health risk assessments of urban road dust in Kuala Lumpur City. Environmental Science and Pollution Research, 2020, 27, 11227-11245.	2.7	26
76	Composition of heavy metals and airborne fibers in the indoor environment of a building during renovation. Environmental Monitoring and Assessment, 2011, 181, 479-489.	1.3	24
77	Characterization and source apportionment of particle number concentration at a semi-urban tropical environment. Environmental Science and Pollution Research, 2015, 22, 13111-13126.	2.7	24
78	Assessment of heavy metals in indoor dust of a university in a tropical environment. Environmental Forensics, 2017, 18, 74-82.	1.3	24
79	The long-term assessment of air quality on an island in Malaysia. Heliyon, 2018, 4, e01054.	1.4	24
80	Characteristics, Emission Sources, and Risk Factors of Heavy Metals in $PM_{2.5}$ from Southern Malaysia. ACS Earth and Space Chemistry, 2020, 4, 1309-1323.	1.2	24
81	Composition of Levoglucosan and Surfactants in Atmospheric Aerosols from Biomass Burning. Aerosol and Air Quality Research, 2011, 11, 837-845.	0.9	24
82	Influence of Meteorological Variables on Suburban Atmospheric PM2.5 in the Southern Region of Peninsular Malaysia. Aerosol and Air Quality Research, 2020, 20, 14-25.	0.9	24
83	Modeling air quality in main cities of Peninsular Malaysia by using a generalized Pareto model. Environmental Monitoring and Assessment, 2016, 188, 65.	1.3	23
84	Influences of inorganic and polycyclic aromatic hydrocarbons on the sources of PM2.5 in the Southeast Asian urban sites. Air Quality, Atmosphere and Health, 2017, 10, 999-1013.	1.5	23
85	Influence of Northeast Monsoon cold surges on air quality in Southeast Asia. Atmospheric Environment, 2017, 166, 498-509.	1.9	23
86	Spatial distribution of fine and coarse particulate matter during a southwest monsoon in Peninsular Malaysia. Chemosphere, 2021, 262, 127767.	4.2	23
87	Characterisation of particle mass and number concentration on the east coast of the Malaysian Peninsula during the northeast monsoon. Atmospheric Environment, 2015, 117, 187-199.	1.9	22
88	Research agendas for the sustainable management of tropical peatland in Malaysia. Environmental Conservation, 2015, 42, 73-83.	0.7	22
89	Impact of the 2015 wildfires on Malaysian air quality and exposure: a comparative study of observed and modeled data. Environmental Research Letters, 2018, 13, 044023.	2.2	22
90	Road traffic as an air pollutant contributor within an industrial park environment. Atmospheric Pollution Research, 2018, 9, 680-687.	1.8	22

#	Article	IF	Citations
91	Composition and distribution of surfactants around Lake Chini, Malaysia. Environmental Monitoring and Assessment, 2012, 184, 1325-1334.	1.3	21
92	Health impact assessment from building life cycles and trace metals in coarse particulate matter in urban office environments. Ecotoxicology and Environmental Safety, 2018, 148, 293-302.	2.9	21
93	Exposure to Particulate PAHs on Potential Genotoxicity and Cancer Risk among School Children Living Near the Petrochemical Industry. International Journal of Environmental Research and Public Health, 2021, 18, 2575.	1.2	21
94	Evaluation of Machine Learning Models for Estimating PM2.5 Concentrations across Malaysia. Applied Sciences (Switzerland), 2021, 11, 7326.	1.3	21
95	Seasonal variation and size distribution of inorganic and carbonaceous components, source identification of size-fractioned urban air particles in Kuala Lumpur, Malaysia. Chemosphere, 2022, 287, 132309.	4.2	21
96	Source Apportionment of Particulate Matter (PM$_{10}$) and Indoor Dust in a University Building. Environmental Forensics, 2014, 15, 8-16.	1.3	20
97	Composition of carbohydrates, surfactants, major elements and anions in PM2.5 during the 2013 Southeast Asia high pollution episode in Malaysia. Particuology, 2018, 37, 119-126.	2.0	20
98	El NiÃ±o driven haze over the Southern Malaysian Peninsula and Borneo. Science of the Total Environment, 2020, 730, 139091.	3.9	20
99	Volatile organic compounds and their contribution to ground-level ozone formation in a tropical urban environment. Chemosphere, 2022, 302, 134852.	4.2	20
100	Rediscovering Atmospheric Surfactants. Environmental Chemistry, 2004, 1, 11.	0.7	19
101	Bromocarbons in the tropical coastal and open ocean atmosphere during the 2009 Prime Expedition Scientific Cruise (PESC-09). Atmospheric Chemistry and Physics, 2014, 14, 8137-8148.	1.9	19
102	Surfactants in the sea surface microlayer, subsurface water and fine marine aerosols in different background coastal areas. Environmental Science and Pollution Research, 2018, 25, 27074-27089.	2.7	19
103	Spatio-temporal assessment of nocturnal surface ozone in Malaysia. Atmospheric Environment, 2019, 207, 105-116.	1.9	19
104	Studies of Atmospheric PM2.5 and its Inorganic Water Soluble Ions and Trace Elements around Southeast Asia: a Review. Asia-Pacific Journal of Atmospheric Sciences, 2021, 57, 361-385.	1.3	19
105	BTEX Exposure Assessment and Inhalation Health Risks to Traffic Policemen in the Klang Valley Region, Malaysia. Aerosol and Air Quality Research, 2020, 20, 1922-1937.	0.9	19
106	Surfactants in the sea-surface microlayer and atmospheric aerosol around the southern region of Peninsular Malaysia. Marine Pollution Bulletin, 2014, 84, 35-43.	2.3	18
107	Characterization of rainwater chemical composition after a Southeast Asia haze event: insight of transboundary pollutant transport during the northeast monsoon. Environmental Science and Pollution Research, 2017, 24, 15278-15290.	2.7	18
108	Calibration Model of a Low-Cost Air Quality Sensor Using an Adaptive Neuro-Fuzzy Inference System. Sensors, 2018, 18, 4380.	2.1	18

#	Article	IF	Citations
109	Insights into size-segregated particulate chemistry and sources in urban environment over central Indo-Gangetic Plain. Chemosphere, 2021, 263, 128030.	4.2	18
110	Biodegradation of Diesel by Bacteria Isolated from *Scirpus mucronatus* Rhizosphere in Diesel-Contaminated Sand. Advanced Science Letters, 2015, 21, 140-143.	0.2	18
111	Spatial–temporal variability and health impact of particulate matter during a 2019–2020 biomass burning event in Southeast Asia. Scientific Reports, 2022, 12, 7630.	1.6	18
112	Sterols as biomarkers in the surface microlayer of the estuarine areas. Marine Pollution Bulletin, 2015, 93, 278-283.	2.3	17
113	Regulation of fine particulate matter (PM2.5) in the Pacific Rim: perspectives from the APRU Global Health Program. Air Quality, Atmosphere and Health, 2017, 10, 1039-1049.	1.5	17
114	Observed Trends in Extreme Temperature over the Klang Valley, Malaysia. Advances in Atmospheric Sciences, 2019, 36, 1355-1370.	1.9	17
115	Highly spatially resolved emission inventory of selected air pollutants in Kuala Lumpur's urban environment. Atmospheric Pollution Research, 2021, 12, 12-22.	1.8	17
116	Aerosol Climatology Over South and Southeast Asia: Aerosol Types, Vertical Profile, and Source Fields. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033554.	1.2	17
117	Photochemical environment over Southeast Asia primed for hazardous ozone levels with influx of nitrogen oxides from seasonal biomass burning. Atmospheric Chemistry and Physics, 2021, 21, 1917-1935.	1.9	16
118	Chemical characterization and sources identification of PM2.5 in a tropical urban city during non-hazy conditions. Urban Climate, 2021, 39, 100953.	2.4	16
119	Carbon Emissions from Oil Palm Induced Forest and Peatland Conversion in Sabah and Sarawak, Malaysia. Forests, 2020, 11, 1285.	0.9	15
120	Mitigation of particulate matters and integrated approach for carbon monoxide remediation in an urban environment. Journal of Environmental Chemical Engineering, 2021, 9, 105546.	3.3	15
121	The impact of urban growth on regional air quality surrounding the Langat River Basin, Malaysia. The Environmentalist, 2011, 31, 315-324.	0.7	14
122	Reassessment of Nutrient Status in Setiu Wetland, Terengganu, Malaysia. Asian Journal of Chemistry, 2015, 27, 239-242.	0.1	14
123	Seasonal and long term variations of surface ozone concentrations in Malaysian Borneo. Science of the Total Environment, 2016, 573, 494-504.	3.9	14
124	Indoor PM10 and its heavy metal composition at a roadside residential environment, Phitsanulok, Thailand. Atmosfera, 0, , .	0.3	14
125	Short communication: Diagnosis of lung cancer increases during the annual southeast Asian haze periods. Lung Cancer, 2017, 113, 1-3.	0.9	14
126	Characteristics of the real-driving emissions from gasoline passenger vehicles in the Kuala Lumpur urban environment. Atmospheric Pollution Research, 2021, 12, 306-315.	1.8	14

#	Article	IF	Citations
127	Modeling aerosol transmission of SARS-CoV-2 from human-exhaled particles in a hospital ward. Environmental Science and Pollution Research, 2021, 28, 53478-53492.	2.7	14
128	Composition and source apportionment of dust fall around a natural lake. Journal of Environmental Sciences, 2015, 33, 143-155.	3.2	13
129	Concentration of selected heavy metals in the surface dust of residential buildings in Phitsanulok, Thailand. Environmental Earth Sciences, 2015, 74, 2701-2706.	1.3	13
130	Interaction of PM10 concentrations with local and synoptic meteorological conditions at different temporal scales. Atmospheric Research, 2020, 241, 104975.	1.8	13
131	A Preliminary Study of Total Petrogenic Hydrocarbon Distribution in Setiu Wetland, Southern South China Sea (Malaysia). Bulletin of Environmental Contamination and Toxicology, 2012, 88, 755-758.	1.3	12
132	Forecasting of Air Pollution Index with Artificial Neural Network. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	0.3	12
133	Surfactants in atmospheric aerosols and rainwater around lake ecosystem. Environmental Science and Pollution Research, 2015, 22, 6024-6033.	2.7	12
134	Observations of BTEX in the ambient air of Kuala Lumpur by passive sampling. Environmental Monitoring and Assessment, 2020, 192, 342.	1.3	12
135	Distribution of Polycyclic Aromatic Hydrocarbons (PAHs) in Surface Sediments of Langkawi Island, Malaysia. Sains Malaysiana, 2018, 47, 871-882.	0.3	12
136	A case crossover analysis of primary air pollutants association on acute respiratory infection (ARI) among children in urban region of Klang valley, Malaysia. Annals of Tropical Medicine and Public Health, 2017, 10, 44.	0.1	12
137	Research Priorities of Applying Low-Cost PM2.5 Sensors in Southeast Asian Countries. International Journal of Environmental Research and Public Health, 2022, 19, 1522.	1.2	12
138	Correlation Between Surfactants and Heavy Metals in a Natural Lake. Environmental Forensics, 2013, 14, 59-68.	1.3	11
139	Indoor air quality-induced respiratory symptoms of a hospital staff in Iran. Environmental Monitoring and Assessment, 2019, 191, 50.	1.3	11
140	The association between temperature and cause-specific mortality in the Klang Valley, Malaysia. Environmental Science and Pollution Research, 2021, 28, 60209-60220.	2.7	11
141	Atmospheric PCDDs/PCDFs levels and occurrences in Southeast Asia: A review. Science of the Total Environment, 2021, 783, 146929.	3.9	11
142	Risks of exposure to ambient air pollutants on the admission of respiratory and cardiovascular diseases in Kuala Lumpur. Sustainable Cities and Society, 2021, 75, 103390.	5.1	11
143	Increased Chromosomal Damage among Children in Proximity to an Industrial Zone. Aerosol and Air Quality Research, 2020, 20, 944-955.	0.9	11
144	The concentration of BTEX in selected urban areas of Malaysia during the COVID-19 pandemic lockdown. Urban Climate, 2022, 45, 101238.	2.4	11

#	Article	IF	Citations
145	Source Identification of Particulate Matter in a Semi-urban Area of Malaysia Using Multivariate Techniques. Bulletin of Environmental Contamination and Toxicology, 2014, 92, 317-322.	1.3	10
146	Surfactants in the sea-surface microlayer and sub-surface water at estuarine locations: Their concentration, distribution, enrichment, and relation to physicochemical characteristics. Marine Pollution Bulletin, 2015, 97, 78-84.	2.3	10
147	Constraining the Emission of Particulate Matter From Indonesian Peatland Burning Using Continuous Observation Data. Journal of Geophysical Research D: Atmospheres, 2018, 123, 9828-9842.	1.2	10
148	Receptor modelling and risk factors of polycyclic aromatic hydrocarbons (PAHs) in the atmospheric particulate matter at an IGP outflow location (island of the bay of Bengalâ€"Bhola, Bangladesh). Air Quality, Atmosphere and Health, 2021, 14, 1417-1431.	1.5	10
149	Evaluation and Prediction of PM10 and PM2.5 from Road Source Emissions in Kuala Lumpur City Centre. Sustainability, 2021, 13, 5402.	1.6	10
150	BTEXs in Indoor and Outdoor Air Samples: Source Apportionment and Health Risk Assessment of Benzene. Journal of Environmental Science and Public Health, 2017, 01, 49-56.	0.1	10
151	Isoprene hotspots at the Western Coast of Antarctic Peninsula during MASECâ€²16. Polar Science, 2019, 20, 63-74.	0.5	9
152	Air pollution and cardiorespiratory hospitalization, predictive modeling, and analysis using artificial intelligence techniques. Environmental Science and Pollution Research, 2021, 28, 56759-56771.	2.7	9
153	Monsoonal variations in atmospheric surfactants at different coastal areas of the Malaysian Peninsula. Marine Pollution Bulletin, 2016, 109, 480-489.	2.3	8
154	The influence of meteorology and emissions on the spatio-temporal variability of PM10 in Malaysia. Atmospheric Research, 2020, 246, 105107.	1.8	8
155	Outdoor Thermal Comfort and Building Energy Use Potential in Different Land-Use Areas in Tropical Cities: Case of Kuala Lumpur. Atmosphere, 2020, 11, 652.	1.0	8
156	Ambient Levels, Emission Sources and Health Effect of PM2.5-Bound Carbonaceous Particles and Polycyclic Aromatic Hydrocarbons in the City of Kuala Lumpur, Malaysia. Atmosphere, 2021, 12, 549.	1.0	8
157	Long-term satellite-based estimates of air quality and premature mortality in Equatorial Asia through deep neural networks. Environmental Research Letters, 2020, 15, 104088.	2.2	8
158	Annual Southeast Asia haze increases respiratory admissions: A 2â€year large single institution experience. Respirology, 2018, 23, 914-920.	1.3	8
159	Removal of Cyanide-Contaminated Water by Vetiver Grasses. Modern Applied Science, 2015, 9, 252.	0.4	7
160	Spatial-temporal variations in surface ozone over Ushuaia and the Antarctic region: observations from in situ measurements, satellite data, and global models. Environmental Science and Pollution Research, 2018, 25, 2194-2210.	2.7	7
161	Investigation of Flash Flood Over the West Peninsular Malaysia by Global Positing System Network. Advanced Science Letters, 2015, 21, 153-157.	0.2	7
162	Assessment of PM2.5 Patterns in Malaysia Using the Clustering Method. Aerosol and Air Quality Research, 2022, 22, 210161.	0.9	7

#	Article	IF	Citations
163	Children's exposure to PM2.5 and its chemical constituents in indoor and outdoor schools urban environment. Atmospheric Environment, 2022, 273, 118963.	1.9	7
164	Composition and distribution of particulate matter (PM10) in a mechanically ventilated University building. AIP Conference Proceedings, 2016, , .	0.3	6
165	Synthesis and characterization of kaolinite coated with copper oxide and its effect on the removal of aqueous Lead(II) ions. Applied Water Science, 2019, 9, 1.	2.8	6
166	Anthropogenic and biogenic volatile organic compounds and ozone formation potential in ambient air of Kuala Lumpur, Malaysia. IOP Conference Series: Earth and Environmental Science, 0, 228, 012001.	0.2	6
167	Ozone Trends from Two Decades of Ground Level Observation in Malaysia. Atmosphere, 2020, 11, 755.	1.0	6
168	The Madden–Julian Oscillation Modulates the Air Quality in the Maritime Continent. Earth and Space Science, 2021, 8, e2021EA001708.	1.1	6
169	Sources, Composition, and Mixing State of Submicron Particulates over the Central Indo-Gangetic Plain. ACS Earth and Space Chemistry, 2021, 5, 2052-2065.	1.2	6
170	Compositions, source apportionment and health risks assessment of fine particulate matter in naturally-ventilated schools. Atmospheric Pollution Research, 2021, 12, 101190.	1.8	6
171	Cluster Analysis Evaluating PM2.5, Occupation Risk and Mode of Transportation as Surrogates for Air-pollution and the Impact on Lung Cancer Diagnosis and 1-Year Mortality. Asian Pacific Journal of Cancer Prevention, 2019, 20, 1959-1965.	0.5	6
172	Polycyclic aromatic hydrocarbons in coastal sediments of Southern Terengganu, South China Sea, Malaysia: source assessment using diagnostic ratios and multivariate statistic. Environmental Science and Pollution Research, 2022, 29, 15849-15862.	2.7	6
173	Surfactants in the Sea Surface Microlayer, Underlying Water and Atmospheric Particles of Tropical Coastal Ecosystems. Water, Air, and Soil Pollution, 2018, 229, 1.	1.1	5
174	The effects of synoptic and local meteorological condition on CO2, CH4, PM10 and PM2.5 at Bachok Marine Research Station (BMRS) in Peninsular Malaysia. Meteorology and Atmospheric Physics, 2020, 132, 845-868.	0.9	5
175	Fluctuations in nighttime ground-level ozone concentrations during haze events in Malaysia. Air Quality, Atmosphere and Health, 2021, 14, 19-26.	1.5	5
176	Association of VOCs, PM2.5 and household environmental exposure with children's respiratory allergies. Air Quality, Atmosphere and Health, 2021, 14, 1279-1287.	1.5	5
177	Modeling of Soil Organic Carbon in North and Northeast of Iran under Climate Change Scenarios. Scientia Iranica, 2016, 23, 2023-2032.	0.3	5
178	Sea-to-Air Fluxes of Isoprene and Monoterpenes in the Coastal Upwelling Region of Peninsular Malaysia. ACS Earth and Space Chemistry, 2021, 5, 3429-3436.	1.2	5
179	The Influence of Environmental Polycyclic Aromatic Hydrocarbons (PAHs) Exposure on DNA Damage among School Children in Urban Traffic Area, Malaysia. International Journal of Environmental Research and Public Health, 2022, 19, 2193.	1.2	5
180	Vertical stratification of aerosols over South Asian cities. Environmental Pollution, 2022, 309, 119776.	3.7	5

#	Article	IF	Citations
181	Variation of Surface Ozone Recorded at the Eastern Coastal Region of the Malaysian Peninsula. American Journal of Environmental Sciences, 2010, 6, 560-569.	0.3	4
182	Health Risks of Air Pollution on Mortality in Klang Valley, Malaysia. Epidemiology, 2011, 22, S159.	1.2	4
183	Distribution of surfactants in sea-surface microlayer and atmospheric aerosols at selected coastal area of Peninsular Malaysia. , 2013, , .		4
184	Composition and possible sources of anionic surfactants from urban and semi-urban street dust. Air Quality, Atmosphere and Health, 2017, 10, 1051-1057.	1.5	4
185	Underestimation of respirable crystalline silica (RCS) compliance status among the granite crusher operators in Malaysian quarries. Air Quality, Atmosphere and Health, 2017, 10, 371-379.	1.5	4
186	Epiphytic microalgae as biological indicators for carbon monoxide concentrations in different areas of Peninsular Malaysia. Environmental Forensics, 2022, 23, 314-323.	1.3	4
187	Influence of Tropical Weather and Northeasterly Air Mass on Carbonaceous Aerosol in the Southern Malay Peninsula. ACS Earth and Space Chemistry, 2021, 5, 553-565.	1.2	4
188	The Role of Extracellular Carbonic Anhydrase in Biogeochemical Cycling: Recent Advances and Climate Change Responses. International Journal of Molecular Sciences, 2021, 22, 7413.	1.8	4
189	Size-segregated atmospheric polycyclic aromatic hydrocarbons down to PM0.1 in urban tropical environment: Temporal distribution, potential sources and human health risk. Urban Climate, 2021, 40, 100996.	2.4	4
190	Surfactants in Runoff Water at Different Locations in Bandar Baru Bangi, Selangor,ÂMalaysia. Bulletin of Environmental Contamination and Toxicology, 2014, 92, 306-310.	1.3	3
191	De novo transcriptome resources of the lichens, Dirinaria sp. UKM-J1 and UKM-K1 collected from Jerantut and Klang, Malaysia. Data in Brief, 2018, 19, 2416-2419.	0.5	3
192	Exposure to PM2.5 in urban area and respiratory health symptoms among urban workers in Klang Valley. IOP Conference Series: Earth and Environmental Science, 2019, 228, 012015.	0.2	3
193	Distribution of Surfactants in the Sea Surface Microlayer and Sub-surface Water in the Melaka River Estuary. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 374-379.	1.3	3
194	Metagenomic datasets of air samples collected during episodes of severe smoke-haze in Malaysia. Data in Brief, 2021, 36, 107124.	0.5	3
195	Chemical Characterization and Source Apportionment of PM2.5 near Semi-Urban Residential-Industrial Areas. Exposure and Health, 2022, 14, 149-170.	2.8	3
196	Seasonal variations of particle number concentration and its relationship with PM2.5 mass concentration in industrial-residential airshed. Environmental Geochemistry and Health, 2022, 44, 3377-3393.	1.8	3
197	ASSESSMENT OF MICRONUCLEUS FREQUENCY AND RESPIRATORY HEALTH SYMPTOMS AMONG TRAFFIC POLICEMEN EXPOSED TO BTEX AND PM2.5 IN KLANG VALLEY, MALAYSIA. Jurnal Teknologi (Sciences and)		
198	Selection of the Most Significant Variables of Air Pollutants Using Sensitivity Analysis. Journal of Testing and Evaluation, 2016, 44, 376-384.	0.4	3

#	Article	IF	Citations
199	Madden Julian oscillation modulation for surface ozone in Peninsular Malaysia. Atmospheric Environment, 2020, 233, 117577.	1.9	3
200	Prediction of ozone concentrations using nonlinear prediction method. , 2013, , .		2
201	Association rules of temperature towards high and low ozone in putrajaya. , 2017, , .		2
202	Anionic Surfactants and Traffic Related Emission from an Urban Area of Perak, Malaysia. Archives of Environmental Contamination and Toxicology, 2019, 77, 587-593.	2.1	2
203	So near yet so different: Surface ozone at three sites in Malaysia. IOP Conference Series: Earth and Environmental Science, 2019, 228, 012024.	0.2	2
204	Composition of Insecticidal Residues in Total Suspended Particulate and Rain Water at an Agricultural Area in Kedah, Malaysia. Research Journal of Environmental Sciences, 2012, 6, 169-185.	0.5	2
205	Assessment on the distributions and exchange of anionic surfactants in the coastal environment of Peninsular Malaysia: A review. Environmental Science and Pollution Research, 2022, 29, 15380-15390.	2.7	2
206	Aerosol particle properties at a remote tropical rainforest in Borneo. Atmospheric Pollution Research, 2022, 13, 101383.	1.8	2
207	Indoor/outdoor of PM10 relationships and its water-soluble ions composition in selected primary schools in Malaysia. , 2013, , .		1
208	The concentration and distribution of selected heavy metals (Pb, Cd, Cu and Zn) in soils collected from the rice fields of MADA in Kedah, Malaysia. , 2013, , .		1
209	Tropospheric ozone variability during the monsoon season in Malaysia. AIP Conference Proceedings, 2013, , .	0.3	1
210	The development of PWV index for air pollution concentration detection in Banting, Malaysia. , 2015, , .		1
211	Distribution ozone concentration in Klang Valley using GIS approaches. Journal of Physics: Conference Series, 2017, 852, 012021.	0.3	1
212	Southeast Asian Forest Fires (1997/1998): El NiÃ±o as a Driver of Regional Impacts. Air Pollution Reviews, 2017, , 191-225.	0.1	1
213	Association pattern of NO$_2$ and NMHC towards high ozone concentration in klang. , 2017, , .		1
214	Heavy metals phytoremediation potential of Hevea brasiliensis in Bentong, Malaysia. AIP Conference Proceedings, 2018, , .	0.3	1
215	Ten Years of Air, Soil, and Water Research. Air, Soil and Water Research, 2019, 12, 117862211983412.	1.2	1
216	Long-Range Transport and Local Emission of Atmospheric PM2.5 in Southern Region of Peninsular Malaysia. IOP Conference Series: Materials Science and Engineering, 2019, 636, 012005.	0.3	1

#	Article	IF	Citations
217	Analysis of Potential Waste-to-Energy Plant in Final Waste Disposal Sites iIn Indonesia Towards SDGs 2030 (A Literature Review). Jurnal Kesehatan Lingkungan, 2021, 13, 24.	0.1	1
218	Association between Climatic Conditions, Population Density and COVID-19 in Indonesia. Sains Malaysiana, 2021, 50, 879-887.	0.3	1
219	Spatial and Temporal Variations in Nutrients During Upwelling Season Off the East Coast of Peninsular Malaysia. Bulletin of Environmental Contamination and Toxicology, 2021, , 1.	1.3	1
220	Methylene Blue Active Substances (MBAS) and Linear Alkylbenzene Sulphonates (LAS) in Urban and Suburban Atmospheric Aerosol. Environment and Ecology Research, 2021, 9, 159-165.	0.1	1
221	COMPOSITION OF TRACE METALS IN INDOOR DUST DURING AND AFTER BUILDING RENOVATION. Environmental Engineering and Management Journal, 2018, 17, 1781-1790.	0.2	1
222	Impact of Climate Change on Dengue Hemorrhagic Fever (DHF) in Tropical Countries: A Literature Review. Jurnal Kesehatan Lingkungan, 2021, 13, 219.	0.1	1
223	The concentration of particulate matters in mechanically ventilated school classroom during haze episode in Kuala Lumpur City Centre. Air Quality, Atmosphere and Health, 0, , 1.	1.5	1
224	Preliminary Assessment of the Distribution of PM2.5-Bound Polycyclic Aromatic Hydrocarbons in Primary School Environments in Kuala Lumpur. Journal of Research Management and Governance, 2021, 1, 51-58.	0.1	1
225	Terraced residential housing indoor and outdoor air quality in Shah Alam, Malaysia. , 2011, , .		0
226	Monsoon influences distribution of surfactants at different coastal areas into atmospheric aerosol. AIP Conference Proceedings, 2016, , .	0.3	0
227	Silica dust exposure: Effect of filter size to compliance determination. AIP Conference Proceedings, 2016, , .	0.3	0
228	Environmental Scan and Framework of Watershed Risk Assessment in Malaysia. , 2018, , 105-121.		0
229	Watershed Pollutants: Risk Assessment and Management of Chemicals and Hazardous Substances. , 2018, , 3-15.		0
230	Bromocarbons over the Coastal Area in Peninsular Malaysia. IOP Conference Series: Earth and Environmental Science, 2019, 228, 012003.	0.2	0
231	Hazard Assessment for Hazardous Air Pollutants from Petroleum Refinery Operations Using Multi-Country Regulatory Databases.. , 2019, , .		0
232	A New Decade in <i>Air, Soil and Water Research</i>: New Challenges and Environmental Issues to Be Discussed. Air, Soil and Water Research, 2020, 13, 117862212091653.	1.2	0
233	Composition of rainwater and influences over different regions of the world. , 2021, , 69-83.		0
234	Prosedur Pengekstrakan untuk Analisis Logam Berat dalam Tisu Tumbuhan dan Persekitaran Hevea brasiliensis. Sains Malaysiana, 2021, 50, 2653-2661.	0.3	0

#	Article	IF	Citations
235	2021: The New Normal and the Air, Soil and Water Research Perspective. Air, Soil and Water Research, 2021, 14, 117862212098831.	1.2	0
236	Identification of diesel-tolerant rhizobacteria of Scirpus mucronatus. African Journal of Microbiology Research, 2012, 6, .	0.4	0
237	Rules Discovery of High Ozone in Klang Areas using Data Mining Approach. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 2683-2689.	0.2	0
238	Wildfires, haze, and climate change. , 2022, , 183-205.		0
239	A floating chamber system for VOC sea-to-air flux measurement near the sea surface. Environmental Monitoring and Assessment, 2022, 194, .	1.3	0