Matthew J Ashfold

List of Publications by Year
in descending order

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Version: 2024-02-01

32 papers	814 citations	430754 18 h-index	526166 27 g-index
45 all docs	45 docs citations	45 times ranked	1265 citing authors

#	Article	IF	Citations
1	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
2	The Link between Knowledge, Attitudes and Practices in Relation to Atmospheric Haze Pollution in Peninsular Malaysia. PLoS ONE, 2015, 10, e0143655.	1.1	61
3	A growing threat to the ozone layer from short-lived anthropogenic chlorocarbons. Atmospheric Chemistry and Physics, 2017, 17, 11929-11941.	1.9	58
4	Bromoform in the tropical boundary layer of the Maritime Continent during OP3. Atmospheric Chemistry and Physics, 2011, 11, 529-542.	1.9	55
5	Public awareness and support for environmental protectionâ€"A focus on air pollution in peninsular Malaysia. PLoS ONE, 2019, 14, e0212206.	1.1	51
6	Airborne measurements of organic bromine compounds in the Pacific tropical tropopause layer. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13789-13793.	3.3	47
7	Challenges and considerations of applying nature-based solutions in low- and middle-income countries in Southeast and East Asia. Blue-Green Systems, 2020, 2, 331-351.	0.6	47
8	Nightâ€time NO₃ and OH radical concentrations in the United Kingdom inferred from hydrocarbon measurements. Atmospheric Science Letters, 2008, 9, 140-146.	0.8	37
9	Rapid transport of East Asian pollution to the deep tropics. Atmospheric Chemistry and Physics, 2015, 15, 3565-3573.	1.9	36
10	Transport of short-lived species into the Tropical Tropopause Layer. Atmospheric Chemistry and Physics, 2012, 12, 6309-6322.	1.9	32
11	The impact of local surface changes in Borneo on atmospheric composition at wider spatial scales: coastal processes, land-use change and air quality. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 3210-3224.	1.8	27
12	Coordinated Airborne Studies in the Tropics (CAST). Bulletin of the American Meteorological Society, 2017, 98, 145-162.	1.7	25
13	Influence of Northeast Monsoon cold surges on air quality in Southeast Asia. Atmospheric Environment, 2017, 166, 498-509.	1.9	23
14	Effects of El-NiÃ±o, Indian Ocean Dipole, and Madden-Julian Oscillation on Surface Air Temperature and Rainfall Anomalies over Southeast Asia in 2015. Atmosphere, 2018, 9, 352.	1.0	23
15	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
16	Estimates of tropical bromoform emissions using an inversion method. Atmospheric Chemistry and Physics, 2014, 14, 979-994.	1.9	21
17	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
18	Long-term halocarbon observations from a coastal and an inland site in Sabah, Malaysian Borneo. Atmospheric Chemistry and Physics, 2014, 14, 8369-8388.	1.9	19

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19	Continued increase of CFC-113a (CCl₃CF₃) mixing ratios in the global atmosphere: emissions, occurrence and potential sources. Atmospheric Chemistry and Physics, 2018, 18, 4737-4751.	1.9	18
20	The role of land use on the local climate and air quality during calm inter-monsoon in a tropical city. Geoscience Frontiers, 2019, 10, 405-415.	4.3	17
21	Investigating the regional contributions to air pollution in Beijing: aÂdispersion modelling study using CO as aÂtracer. Atmospheric Chemistry and Physics, 2020, 20, 2825-2838.	1.9	14
22	Numerical study on effect of urban heating on local climate during calm inter-monsoon period in greater Kuala Lumpur, Malaysia. Urban Climate, 2017, 20, 228-250.	2.4	12
23	Investigation of East Asian Emissions of CFC-11 Using Atmospheric Observations in Taiwan. Environmental Science & Technology, 2020, 54, 3814-3822.	4.6	12
24	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
25	On the emissions and transport of bromoform: sensitivity to model resolution and emission location. Atmospheric Chemistry and Physics, 2015, 15, 14031-14040.	1.9	6
26	Estimation and comparison of night-time OH levels in the UK urban atmosphere using two different analysis methods. Journal of Environmental Sciences, 2011, 23, 60-64.	3.2	5
27	Transport of short-lived halocarbons to the stratosphere over the Pacific Ocean. Atmospheric Chemistry and Physics, 2020, 20, 1163-1181.	1.9	5
28	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
29	Trends and emissions of six perfluorocarbons in the Northern Hemisphere and Southern Hemisphere. Atmospheric Chemistry and Physics, 2020, 20, 4787-4807.	1.9	5
30	Long-term high frequency measurements of ethane, benzene and methyl chloride at Ragged Point, Barbados: Identification of long-range transport events. Elementa, 2015, 3, .	1.1	4
31	Public perceptions of air pollution and its health impacts in Greater Kuala Lumpur. IOP Conference Series: Earth and Environmental Science, 2020, 489, 012027.	0.2	1
32	Enhanced Chlorinated very Short-Lived Substances in South East Asia: Potential Source Regions and Source Types. IOP Conference Series: Earth and Environmental Science, 0, 616, 012011.	0.2	0