Andrew Richard Whitehill

List of Publications by Year
in descending order

22	681	687363 13	677142 22
papers	citations	h-index	g-index

27	27	27	1025
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Supercritical Water Oxidation as an Innovative Technology for PFAS Destruction. Journal of Environmental Engineering, ASCE, 2022, 148, .	1.4	37
2	Developing innovative treatment technologies for PFAS-containing wastes. Journal of the Air and Waste Management Association, 2022, 72, 540-555.	1.9	23
3	Changes in Ozone Chemical Sensitivity in the United States from 2007 to 2016. ACS Environmental Au, 2022, 2, 206-222.	7.0	16
4	Evaluation of Cairpol and Aeroqual Air Sensors in Biomass Burning Plumes. Atmosphere, 2022, 13, 877.	2.3	1
5	Can Column Formaldehyde Observations Inform Air Quality Monitoring Strategies for Ozone and Related Photochemical Oxidants?. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	5
6	Effect of polyoxymethylene (POM-H Delrin) off-gassing within the Pandora head sensor on direct-sun and multi-axis formaldehyde column measurements in 2016â€“2019. Atmospheric Measurement Techniques, 2021, 14, 647-663.	3.1	6
7	Characteristics of HONO and its impact on O3 formation in the Seoul Metropolitan Area during the Korea-US Air Quality study. Atmospheric Environment, 2021, 247, 118182.	4.1	7
8	Comparison of ozone measurement methods in biomass burning smoke: an evaluation under field and laboratory conditions. Atmospheric Measurement Techniques, 2021, 14, 1783-1800.	3.1	15
9	Investigation of factors controlling PM2.5 variability across the South Korean Peninsula during KORUS-AQ. Elementa, 2020, 8, .	3.2	44
10	Factors controlling surface ozone in the Seoul Metropolitan Area during the KORUS-AQ campaign. Elementa, 2020, 8, .	3.2	11
11	Uncertainty in collocated mobile measurements of air quality. Atmospheric Environment: X, 2020, 7, 100080.	1.4	4
12	Volatile Organic Compound Emissions from Prescribed Burning in Tallgrass Prairie Ecosystems. Atmosphere, 2019, 10, 464.	2.3	9
13	An Odd Oxygen Framework for Wintertime Ammonium Nitrate Aerosol Pollution in Urban Areas: NO_x and VOC Control as Mitigation Strategies. Geophysical Research Letters, 2019, 46, 4971-4979.	4.0	80
14	The first evaluation of formaldehyde column observations by improved Pandora spectrometers during the KORUS-AQ field study. Atmospheric Measurement Techniques, 2018, 11, 4943-4961.	3.1	34
15	Clumped isotope effects during OH and Cl oxidation of methane. Geochimica Et Cosmochimica Acta, 2017, 196, 307-325.	3.9	33
16	SO₂ photolysis as a source for sulfur mass-independent isotope signatures in stratospehric aerosols. Atmospheric Chemistry and Physics, 2015, 15, 1843-1864.	4.9	64
17	Corrigendum to "SO₂ photolysis as a source for sulfur mass-independent isotope signatures in stratospheric aerosols" published in Atmos. Chem. Phys., 15, 1843â€“1864, 2015. Atmospheric Chemistry and Physics, 2015, 15, 2569-2569.	4.9	2
18	Millimeter-wave optical double resonance schemes for rapid assignment of perturbed spectra, with applications to the C̃1B2 state of SO2. Journal of Chemical Physics, 2015, 142, 144201.	3.0	18

#	Article	IF	Citations
19	Development of a Spectroscopic Technique for Continuous Online Monitoring of Oxygen and Site-Specific Nitrogen Isotopic Composition of Atmospheric Nitrous Oxide. Analytical Chemistry, 2014, 86, 1726-1734.	6.5	28
20	Contribution of isotopologue selfâ€shielding to sulfur massâ€independent fractionation during sulfur dioxide photolysis. Journal of Geophysical Research D: Atmospheres, 2013, 118, 2444-2454.	3.3	78
21	Vibronic origin of sulfur mass-independent isotope effect in photoexcitation of SO ₂ and the implications to the early earthâ€™s atmosphere. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17697-17702.	7.1	88
22	Excitation band dependence of sulfur isotope mass-independent fractionation during photochemistry of sulfur dioxide using broadband light sources. Geochimica Et Cosmochimica Acta, 2012, 94, 238-253.	3.9	75