Hyeong-Ahn Kwon

List of Publications by Year
in descending order

8 papers	297 citations	1307594 7 h-index	1588992 8 g-index
15 all docs	15 docs citations	15 times ranked	595 citing authors

#	Article	IF	Citations
1	New Era of Air Quality Monitoring from Space: Geostationary Environment Monitoring Spectrometer (GEMS). Bulletin of the American Meteorological Society, 2020, 101, E1-E22.	3.3	165
2	Nitrogen dioxide and formaldehyde measurements from the GEOstationary Coastal and Air Pollution Events (GEO-CAPE) Airborne Simulator over Houston, Texas. Atmospheric Measurement Techniques, 2018, 11, 5941-5964.	3.1	39
3	An evaluation of ozone dry deposition simulations in East Asia. Atmospheric Chemistry and Physics, 2014, 14, 7929-7940.	4.9	31
4	Sensitivity of formaldehyde (HCHO) column measurements from a geostationary satellite to temporal variation of the air mass factor in East Asia. Atmospheric Chemistry and Physics, 2017, 17, 4673-4686.	4.9	18
5	Description of a formaldehyde retrieval algorithm for the Geostationary Environment Monitoring Spectrometer (GEMS). Atmospheric Measurement Techniques, 2019, 12, 3551-3571.	3.1	16
6	Top-down estimates of anthropogenic VOC emissions in South Korea using formaldehyde vertical column densities from aircraft during the KORUS-AQ campaign. Elementa, 2021, 9, .	3.2	16
7	An Inversion Framework for Optimizing Non-Methane VOC Emissions Using Remote Sensing and Airborne Observations in Northeast Asia During the KORUS-AQ Field Campaign. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	8
8	Impact of high-resolution a priori profiles on satellite-based formaldehyde retrievals. Atmospheric Chemistry and Physics, 2018, 18, 7639-7655.	4.9	2