Jason Blake Cohen

List of Publications by Year
in descending order

30 papers	641 citations	686830 13 h-index	610482 24 g-index
52 all docs	52 docs citations	52 times ranked	772 citing authors

#	Article	IF	Citations
1	Dramatic decline of observed atmospheric CO2 and CH4 during the COVID-19 lockdown over the Yangtze River Delta of China. Journal of Environmental Sciences, 2023, 124, 712-722.	3.2	6
2	Aloft Transport of Haze Aerosols to Xuzhou, Eastern China: Optical Properties, Sources, Type, and Components. Remote Sensing, 2022, 14, 1589.	1.8	5
3	Vegetation-related dry deposition of global PM2.5 from satellite observations. Journal of Chinese Geography, 2022, 32, 589-604.	1.5	5
4	Elucidating the impact of high- and low-pressure systems on temperature inversion from nine years of radiosonde observations in Beijing. Atmospheric Research, 2022, 271, 106115.	1.8	5
5	Improving the understanding between climate variability and observed extremes of global NO_2 over the past 15 years. Environmental Research Letters, 2021, 16, 054020.	2.2	8
6	Using a New Top‐Down Constrained Emissions Inventory to Attribute the Previously Unknown Source of Extreme Aerosol Loadings Observed Annually in the Monsoon Asia Free Troposphere. Earth's Future, 2021, 9, e2021EF002167.	2.4	12
7	Inferring Polluted Asian Absorbing Aerosol Properties Using Decadal Scale AERONET Measurements and a MIE Model. Geophysical Research Letters, 2021, 48, e2021GL094300.	1.5	9
8	Combing GOME-2B and OMI Satellite Data to Estimate Near-Surface NO_2 of Mainland China. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 10269-10277.	2.3	3
9	High-resolution spatiotemporal patterns of China's $FFCO_2$ emissions under the impact of LUCC from 2000 to 2015. Environmental Research Letters, 2020, 15, 044007.	2.2	8
10	Application of a combined standard deviation and mean based approach to MOPITT CO column data, and resulting improved representation of biomass burning and urban air pollution sources. Remote Sensing of Environment, 2020, 241, 111720.	4.6	16
11	Intra-seasonal differences in the atmospheric systems contributing to interannual variations of autumn haze pollution in the North China Plain. Theoretical and Applied Climatology, 2020, 141, 389-403.	1.3	6
12	A new perspective on the spatial, temporal, and vertical distribution of biomass burning: quantifying a significant increase in CO emissions. Environmental Research Letters, 2020, 15, 104091.	2.2	13
13	Spatially and temporally coherent reconstruction of tropospheric NO_2 over China combining OMI and GOME-2B measurements. Environmental Research Letters, 2020, 15, 125011.	2.2	23
14	Constraining the relationships between aerosol height, aerosol optical depth and total column trace gas measurements using remote sensing and models. Atmospheric Chemistry and Physics, 2020, 20, 15401-15426.	1.9	14
15	Shift in the Temporal Trend of Boundary Layer Height in China Using Long‐Term (1979–2016) Radiosonde Data. Geophysical Research Letters, 2019, 46, 6080-6089.	1.5	130
16	Inter‐annual variation of the spring haze pollution over the North China Plain: Roles of atmospheric circulation and sea surface temperature. International Journal of Climatology, 2019, 39, 783-798.	1.5	40
17	Vertical distribution of aerosols over the Maritime Continent during El Niño. Atmospheric Chemistry and Physics, 2018, 18, 7095-7108.	1.9	22
18	Impact of Urbanization on Regional Climate and Air Quality in China. , 2017, , 453-476.		2

#	Article	IF	Citations
19	Decadal-scale relationship between measurements of aerosols, land-use change, and fire over Southeast Asia. Atmospheric Chemistry and Physics, 2017, 17, 721-743.	1.9	26
20	Chemical Composition of PM2.5 and its Impact on Visibility in Guangzhou, Southern China. Aerosol and Air Quality Research, 2016, 16, 2349-2361.	0.9	21
21	High time-resolved elemental components in fine and coarse particles in the Pearl River Delta region of Southern China: Dynamic variations and effects of meteorology. Science of the Total Environment, 2016, 572, 634-648.	3.9	21
22	Properties of aerosols and formation mechanisms over southern China during the monsoon season. Atmospheric Chemistry and Physics, 2016, 16, 13271-13289.	1.9	16
23	Quantifying the occurrence and magnitude of the Southeast Asian fire climatology. Environmental Research Letters, 2014, 9, 114018.	2.2	38
24	Estimating global black carbon emissions using a top–down Kalman Filter approach. Journal of Geophysical Research D: Atmospheres, 2014, 119, 307-323.	1.2	108
25	The impact of detailed urban-scale processing on the composition, distribution, and radiative forcing of anthropogenic aerosols. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	36
26	Development of a fast, urban chemistry metamodel for inclusion in global models. Atmospheric Chemistry and Physics, 2011, 11, 7629-7656.	1.9	40
27	A DECADAL ANALYSIS AND SENSITIVITY STUDY USING MOPITT CO COLUMNS OVER ASIA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3/W5, 53-59.	0.2	1
28	COMPARING A RANGE OF SIMPLE PLUME RISE MODELS AND MISR AEROSOL HEIGHT MEASUREMENTS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3/W9, 165-170.	0.2	0
29	AN INTER-COMPARISON OF THE SPATIAL AND TEMPORAL CHARACTERISTICS OF CO OVER HIGH FIRE REGIONS BASED ON MOPITT AND GFED. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3/W9, 119-123.	0.2	0
30	Elucidating the Impact of High- and Low-Pressure Systems on Temperature Inversion from Nine Years of Radiosonde Observations in Beijing. SSRN Electronic Journal, 0, , .	0.4	0