Biao Wang

List of Publications by Year
in descending order

14 papers	398 citations	1307594 7 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	549 citing authors

#	Article	IF	Citations
1	Variability in the correlation between satellite-derived liquid cloud droplet effective radius and aerosol index over the northern Pacific Ocean. Tellus, Series B: Chemical and Physical Meteorology, 2022, 69, 1391656.	1.6	1
2	The hemispherical harmonic method for radiative transfer in plane-parallel atmospheres. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 270, 107702.	2.3	2
3	A Unified Formulation of Radiative Transfer in Plane-Parallel Atmospheres Based on General Decomposition of Radiance. Part II: An Exemplifying Application to the Hemispherical Harmonics Method with Four Components. Journals of the Atmospheric Sciences, 2017, 74, 4153-4176.	1.7	4
4	A Unified Formulation of Radiative Transfer in Plane-Parallel Atmospheres Based on General Decomposition of Radiance. Part I: The Theory. Journals of the Atmospheric Sciences, 2017, 74, 4139-4151.	1.7	6
5	Estimation of the anthropogenic heat release distribution in China from 1992 to 2009. Journal of Meteorological Research, 2012, 26, 507-515.	1.0	32
6	Elevated Soot Layer in Polluted Urban Atmosphere: A Case Study in Beijing. Journal of the Meteorological Society of Japan, 2012, 90, 361-375.	1.8	18
7	Evaluation of Moderate-Resolution Imaging Spectroradiometer (MODIS) Deep Blue Aerosol Products Using Ground-Based Measurements over Beijing. Scientific Online Letters on the Atmosphere, 2011, 7, 133-136.	1.4	4
8	Longâ€term trends of atmospheric absorbing and scattering optical depths over China region estimated from the routine observation data of surface solar irradiances. Journal of Geophysical Research, 2010, 115, .	3.3	15
9	Numerical simulation of sensitivities of snow melting to spectral composition of the incoming solar radiation. Advances in Atmospheric Sciences, 2009, 26, 403-412.	4.3	8
10	Seasonal statistical characteristics of aerosol optical properties at a site near a dust region in China. Journal of Geophysical Research, 2008, 113, .	3.3	25
11	Data Quality Assessment and the Long-Term Trend of Ground Solar Radiation in China. Journal of Applied Meteorology and Climatology, 2008, 47, 1006-1016.	1.5	205
12	Cloud and Water Vapor Feedbacks in a Vertical Energy-Balance Model with Maximum Entropy Production. Journal of Climate, 2008, 21, 6689-6697.	3.2	7
13	The impacts of optical properties on radiative forcing due to dust aerosol. Advances in Atmospheric Sciences, 2006, 23, 431-441.	4.3	39
14	Radiative forcing due to dust aerosol over east Asia-north Pacific region during spring, 2001. Science Bulletin, 2004, 49, 2212-2219.	1.7	32