

# Biao Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6984179/publications.pdf>

Version: 2024-02-01

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