

# Ke Wei

## List of Publications by Year in descending order

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34  
papers

1,234  
citations

516710

16  
h-index

395702

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1177  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arctic Stratosphere Circulation Changes in the 21st Century in Simulations of INM CM5. <i>Atmosphere</i> , 2022, 13, 25.	2.3	9
2	Subseasonal to seasonal Arctic sea-ice prediction: A grand challenge of climate science. <i>Atmospheric and Oceanic Science Letters</i> , 2021, 14, 100052.	1.3	9
3	Modelling the residual mean meridional circulation at different stages of sudden stratospheric warming events. <i>Annales Geophysicae</i> , 2021, 39, 357-368.	1.6	10
4	Longitudinal peculiarities of planetary waves-zonal flow interactions and their role in stratosphere-troposphere dynamical coupling. <i>Climate Dynamics</i> , 2021, 57, 2843.	3.8	11
5	The return of the elephants: How two groups of dispersing elephants attracted the attention of billions and what can we learn from their behavior. <i>Conservation Letters</i> , 2021, 14, e12836.	5.7	15
6	Atmospheric Rivers and Mei-yu Rainfall in China: A Case Study of Summer 2020. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 2137-2152.	4.3	14
7	Technologies and perspectives for achieving carbon neutrality. <i>Innovation(China)</i> , 2021, 2, 100180.	9.1	306
8	Distinction of two kinds of haze. <i>Atmospheric Environment</i> , 2020, 223, 117228.	4.1	10
9	Stratosphere amplifies the global climate effect of wildfires. <i>Science China Earth Sciences</i> , 2020, 63, 309-311.	5.2	3
10	Reflections on the Catastrophic 2020 Yangtze River Basin Flooding in Southern China. <i>Innovation(China)</i> , 2020, 1, 100038.	9.1	95
11	The Effect of Super Volcanic Eruptions on Ozone Depletion in a Chemistry-Climate Model. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 823-836.	4.3	8
12	An Improved ENSO Ensemble Forecasting Strategy Based on Multiple Coupled Model Initialization Parameters. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 2868-2878.	3.8	3
13	Intensified impact of North Atlantic Oscillation in May on subsequent July Asian inland plateau precipitation since the late 1970s. <i>International Journal of Climatology</i> , 2018, 38, 2605-2612.	3.5	14
14	The effect of a well-resolved stratosphere on East Asian winter climate. <i>Climate Dynamics</i> , 2018, 51, 4015-4028.	3.8	14
15	An abrupt rainfall decrease over the Asian inland plateau region around 1999 and the possible underlying mechanism. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 456-468.	4.3	48
16	The Influences of the Model Configuration on the Simulation of Stratospheric Northern-Hemisphere Polar Vortex in the CMIP5 Models. <i>Advances in Meteorology</i> , 2017, 2017, 1-15.	1.6	5
17	Dynamics of 2013 Sudden Stratospheric Warming event and its impact on cold weather over Eurasia: Role of planetary wave reflection. <i>Scientific Reports</i> , 2016, 6, 24174.	3.3	51
18	Long-term changes in the relationship between stratospheric circulation and East Asian winter monsoon. <i>Atmospheric Science Letters</i> , 2015, 16, 359-365.	1.9	10

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19	The Climatology and Interannual Variability of the East Asian Winter Monsoon in CMIP5 Models. <i>Journal of Climate</i> , 2014, 27, 1659-1678.	3.2	96
20	Vertical tilt structure of East Asian trough and its interannual variation mechanism in boreal winter. <i>Theoretical and Applied Climatology</i> , 2014, 115, 667-683.	2.8	13
21	How well do the current state-of-the-art CMIP5 models characterise the climatology of the East Asian winter monsoon?. <i>Climate Dynamics</i> , 2014, 43, 1241-1255.	3.8	36
22	Regional changes in the annual mean Hadley circulation in recent decades. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 7815-7832.	3.3	68
23	Recent trends in winter temperature extremes in eastern China and their relationship with the Arctic Oscillation and ENSO. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 1712-1724.	4.3	81
24	Reexamination of the Aridity Conditions in Arid Northwestern China for the Last Decade. <i>Journal of Climate</i> , 2013, 26, 9594-9602.	3.2	37
25	Projections of the East Asian winter monsoon under the IPCC AR5 scenarios using a coupled model: IAP_FGOALS. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 1200-1214.	4.3	20
26	An abrupt increase in the summer high temperature extreme days across China in the mid-1990s. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 1023-1029.	4.3	52
27	Changes in the East Asian cold season since 2000. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 69-79.	4.3	43
28	Stratospheric wave activity and the Pacific Decadal Oscillation. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2010, 72, 1163-1170.	1.6	34
29	Dynamics of eddy-driven North Atlantic Oscillations in a localized shifting jet: zonal structure and downstream blocking. <i>Climate Dynamics</i> , 2010, 34, 73-100.	3.8	13
30	Interannual variability of the winter stratospheric polar vortex in the Northern Hemisphere and their relations to QBO and ENSO. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 855-863.	4.3	23
31	Association of tropical Pacific sea surface temperatures with the stratospheric Holton-Tan Oscillation in the Northern Hemisphere winter. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	50
32	Dynamical diagnosis of the breakup of the stratospheric polar vortex in the Northern Hemisphere. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 1369-1379.	0.9	23
33	Long-term changes of the ultraviolet radiation in China and its relationship with Total Ozone and Precipitation. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 700-710.	4.3	9
34	The observed connection between the Quasi-Biennial Oscillation and the persistence of the North Atlantic Oscillation in boreal winter. <i>International Journal of Climatology</i> , 0, , .	3.5	0