

Guoxiong Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3275657/publications.pdf>

Version: 2024-02-01

142
papers

8,613
citations

53660

45
h-index

48187

88
g-index

143
all docs

143
docs citations

143
times ranked

5168
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal Controls on the Asian Summer Monsoon. <i>Scientific Reports</i> , 2012, 2, 404.	1.6	615
2	The Influence of Mechanical and Thermal Forcing by the Tibetan Plateau on Asian Climate. <i>Journal of Hydrometeorology</i> , 2007, 8, 770-789.	0.7	611
3	How to Measure the Strength of the East Asian Summer Monsoon. <i>Journal of Climate</i> , 2008, 21, 4449-4463.	1.2	544
4	Tibetan Plateau warming and precipitation changes in East Asia. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	543
5	Tibetan Plateau Forcing and the Timing of the Monsoon Onset over South Asia and the South China Sea. <i>Monthly Weather Review</i> , 1998, 126, 913-927.	0.5	501
6	Tibetan Plateau climate dynamics: recent research progress and outlook. <i>National Science Review</i> , 2015, 2, 100-116.	4.6	342
7	The flexible global ocean-atmosphere-land system model, Grid-point Version 2: FGOALS-g2. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 543-560.	1.9	253
8	The Flexible Global Ocean-Atmosphere-Land system model, Spectral Version 2: FGOALS-s2. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 561-576.	1.9	210
9	Change of cloud amount and the climate warming on the Tibetan Plateau. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	205
10	Weakening Trend in the Atmospheric Heat Source over the Tibetan Plateau during Recent Decades. Part I: Observations. <i>Journal of Climate</i> , 2008, 21, 3149-3164.	1.2	180
11	Advances in studying interactions between aerosols and monsoon in China. <i>Science China Earth Sciences</i> , 2016, 59, 1-16.	2.3	153
12	New proofs of the recent climate warming over the Tibetan Plateau as a result of the increasing greenhouse gases emissions. <i>Science Bulletin</i> , 2006, 51, 1396-1400.	1.7	151
13	Relationship between the Subtropical Anticyclone and Diabatic Heating. <i>Journal of Climate</i> , 2004, 17, 682-698.	1.2	148
14	20-50-day oscillation of summer Yangtze rainfall in response to intraseasonal variations in the subtropical high over the western North Pacific and South China Sea. <i>Climate Dynamics</i> , 2010, 34, 747-761.	1.7	145
15	Weather and climate effects of the Tibetan Plateau. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 978-992.	1.9	140
16	Changes in tropical cyclone precipitation over China. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	129
17	Revisiting Asian monsoon formation and change associated with Tibetan Plateau forcing: I. Formation. <i>Climate Dynamics</i> , 2012, 39, 1169-1181.	1.7	125
18	Time-lagged impact of spring sensible heat over the Tibetan Plateau on the summer rainfall anomaly in East China: case studies using the WRF model. <i>Climate Dynamics</i> , 2014, 42, 2885-2898.	1.7	120

#	ARTICLE	IF	CITATIONS
19	Landâ€‘atmosphereâ€‘ocean coupling associated with the Tibetan Plateau and its climate impacts. National Science Review, 2020, 7, 534-552.	4.6	119
20	Summertime quadruplet heating pattern in the subtropics and the associated atmospheric circulation. Geophysical Research Letters, 2003, 30, n/a-n/a.	1.5	116
21	Revisiting Asian monsoon formation and change associated with Tibetan Plateau forcing: II. Change. Climate Dynamics, 2012, 39, 1183-1195.	1.7	116
22	CAS FGOALS-f3-L Model Datasets for CMIP6 Historical Atmospheric Model Intercomparison Project Simulation. Advances in Atmospheric Sciences, 2019, 36, 771-778.	1.9	109
23	Persistent Weakening Trend in the Spring Sensible Heat Source over the Tibetan Plateau and Its Impact on the Asian Summer Monsoon. Journal of Climate, 2011, 24, 5671-5682.	1.2	104
24	Genesis of the South Asian High and Its Impact on the Asian Summer Monsoon Onset. Journal of Climate, 2013, 26, 2976-2991.	1.2	100
25	Intraseasonal variations of the Yangtze rainfall and its related atmospheric circulation features during the 1991 summer. Climate Dynamics, 2006, 27, 815-830.	1.7	94
26	Anomalous summer climate in China influenced by the tropical Indo-Pacific Oceans. Climate Dynamics, 2011, 36, 769-782.	1.7	86
27	Recent progress in the impact of the Tibetan Plateau on climate in China. Advances in Atmospheric Sciences, 2007, 24, 1060-1076.	1.9	83
28	Tower mast of precipitation over the central Tibetan Plateau summer. Geophysical Research Letters, 2006, 33, .	1.5	79
29	Global energy and water balance: Characteristics from <scp>F</scp>initeâ€‘volume <scp>A</scp>tmospheric <scp>M</scp>odel of the <scp>IAP/LASG</scp> (<scp>FAMIL</scp>1). Journal of Advances in Modeling Earth Systems, 2015, 7, 1-20.	1.3	78
30	Two types of summertime heating over the Asian large-scale orography and excitation of potential-vorticity forcing I. Over Tibetan Plateau. Science China Earth Sciences, 2016, 59, 1996-2008.	2.3	76
31	Mechanism of the Spring Persistent Rains over southeastern China. Science in China Series D: Earth Sciences, 2007, 50, 130-144.	0.9	75
32	Reliability Analysis of Climate Change of Tropical Cyclone Activity over the Western North Pacific. Journal of Climate, 2011, 24, 5887-5898.	1.2	72
33	Location and variation of the summertime upper-troposphere temperature maximum over South Asia. Climate Dynamics, 2015, 45, 2757-2774.	1.7	70
34	An introduction to the coupled model FGOALS1.1-s and its performance in East Asia. Advances in Atmospheric Sciences, 2010, 27, 1131-1142.	1.9	64
35	Airâ€‘sea interaction and formation of the Asian summer monsoon onset vortex over the Bay of Bengal. Climate Dynamics, 2012, 38, 261-279.	1.7	64
36	Interannual variability of the spring atmospheric heat source over the Tibetan Plateau forced by the North Atlantic SSTA. Climate Dynamics, 2015, 45, 1617-1634.	1.7	64

#	ARTICLE	IF	CITATIONS
37	An assessment of summer sensible heat flux on the Tibetan Plateau from eight data sets. <i>Science China Earth Sciences</i> , 2012, 55, 779-786.	2.3	62
38	Understanding the surface temperature cold bias in CMIP5 AGCMs over the Tibetan Plateau. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 1447-1460.	1.9	59
39	Interannual Variability of Late-spring Circulation and Diabatic Heating over the Tibetan Plateau Associated with Indian Ocean Forcing. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 927-941.	1.9	54
40	Asian summer monsoon onset barrier and its formation mechanism. <i>Climate Dynamics</i> , 2015, 45, 711-726.	1.7	53
41	Roles of Anomalous Tibetan Plateau Warming on the Severe 2008 Winter Storm in Central-Southern China. <i>Monthly Weather Review</i> , 2010, 138, 2375-2384.	0.5	52
42	Formation and variation of the atmospheric heat source over the Tibetan Plateau and its climate effects. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 1169-1184.	1.9	51
43	Heating status of the Tibetan Plateau from April to June and rainfall and atmospheric circulation anomaly over East Asia in midsummer. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 250-257.	0.9	49
44	Interannual variations of early summer monsoon rainfall over South China under different PDO backgrounds. <i>International Journal of Climatology</i> , 2011, 31, 847-862.	1.5	49
45	Evaluation of FAMIL2 in Simulating the Climatology and Seasonal Interannual Variability of Tropical Cyclone Characteristics. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 1117-1136.	1.3	49
46	Climate trends in tropical cyclone-induced wind and precipitation over mainland China. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	47
47	A case study of the impact of boreal summer intraseasonal oscillations on Yangtze rainfall. <i>Climate Dynamics</i> , 2015, 44, 2683-2702.	1.7	47
48	Outlook for El Niño and the Indian Ocean Dipole in autumn-winter 2018–2019. <i>Chinese Science Bulletin</i> , 2019, 64, 73-78.	0.4	46
49	Diurnal variations of summer precipitation over the Asian monsoon region as revealed by TRMM satellite data. <i>Science China Earth Sciences</i> , 2012, 55, 554-566.	2.3	41
50	Two types of summertime heating over Asian large-scale orography and excitation of potential-vorticity forcing II. Sensible heating over Tibetan-Iranian Plateau. <i>Science China Earth Sciences</i> , 2017, 60, 733-744.	2.3	41
51	Characteristics and Mechanism of the 10–20-Day Oscillation of Spring Rainfall over Southern China. <i>Journal of Climate</i> , 2013, 26, 5072-5087.	1.2	40
52	Influences of ENSO on the vertical coupling of atmospheric circulation during the onset of South Asian summer monsoon. <i>Climate Dynamics</i> , 2015, 45, 1859-1875.	1.7	38
53	Sensitivity of ITCZ configuration to cumulus convective parameterizations on an aqua planet. <i>Climate Dynamics</i> , 2010, 34, 223-240.	1.7	33
54	Vortex genesis over the Bay of Bengal in spring and its role in the onset of the Asian Summer Monsoon. <i>Science China Earth Sciences</i> , 2011, 54, 1-9.	2.3	33

#	ARTICLE	IF	CITATIONS
55	CAS FGOALS-f3-L Model Datasets for CMIP6 GMMIP Tier-1 and Tier-3 Experiments. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 18-28.	1.9	32
56	Impact of North Atlantic SST and Tibetan Plateau forcing on seasonal transition of springtime South Asian monsoon circulation. <i>Climate Dynamics</i> , 2021, 56, 559-579.	1.7	32
57	Dynamical and thermal problems in vortex development and movement. Part I: A PV-Q view. <i>Journal of Meteorological Research</i> , 2013, 27, 1-14.	1.0	31
58	Astronomical and Hydrological Perspective of Mountain Impacts on the Asian Summer Monsoon. <i>Scientific Reports</i> , 2015, 5, 17586.	1.6	31
59	Global warming-induced Asian hydrological climate transition across the Miocene–Pliocene boundary. <i>Nature Communications</i> , 2021, 12, 6935.	5.8	31
60	The role of air–sea interactions in regulating the thermal effect of the Tibetan–Iranian Plateau on the Asian summer monsoon. <i>Climate Dynamics</i> , 2019, 52, 4227-4245.	1.7	30
61	Influence of the Tibetan Plateau on the summer climate patterns over Asia in the IAP/LASG SAMIL model. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 518-528.	1.9	29
62	Intraseasonal modulation of tropical cyclogenesis in the western North Pacific: a case study. <i>Theoretical and Applied Climatology</i> , 2010, 100, 397-411.	1.3	29
63	Simulation of local air–sea interaction in the great warm pool and its influence on Asian monsoon. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	27
64	PV–Q Perspective of Cyclogenesis and Vertical Velocity Development Downstream of the Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD030912.	1.2	26
65	An empirical formula to compute snow cover fraction in GCMs. <i>Advances in Atmospheric Sciences</i> , 2004, 21, 529-535.	1.9	25
66	Influences of Typhoon Chanchu on the 2006 South China Sea summer monsoon onset. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	25
67	Influences of external forcing changes on the summer cooling trend over East Asia. <i>Climatic Change</i> , 2013, 117, 829-841.	1.7	25
68	Impacts of the Tibetan Plateau on Asian Climate. <i>Meteorological Monographs</i> , 2016, 56, 7.1-7.29.	5.0	25
69	An evaluation of cloud vertical structure in three reanalyses against CloudSat/cloud–aerosol lidar and infrared pathfinder satellite observations. <i>Atmospheric Science Letters</i> , 2019, 20, e906.	0.8	24
70	The role of land-sea distribution in the formation of the Asian summer monsoon. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	22
71	Mechanism for occurrence of precipitation over the southern slope of the Tibetan Plateau without local surface heating. <i>International Journal of Climatology</i> , 2016, 36, 4164-4171.	1.5	22
72	Tracking the delayed response of the northern winter stratosphere to ENSO using multi reanalyses and model simulations. <i>Climate Dynamics</i> , 2017, 48, 2859-2879.	1.7	22

#	ARTICLE	IF	CITATIONS
73	Sea ice loss of the Barents-Kara Sea enhances the winter warming over the Tibetan Plateau. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	22
74	A Mass Budget Analysis on the Interannual Variability of the Polar Surface Pressure in the Winter Season. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 3539-3553.	0.6	21
75	Impacts of boundary layer parameterization schemes and air-sea coupling on WRF simulation of the East Asian summer monsoon. <i>Science China Earth Sciences</i> , 2014, 57, 1480-1493.	2.3	21
76	Impact of tropical cyclone development on the instability of South Asian High and the summer monsoon onset over Bay of Bengal. <i>Climate Dynamics</i> , 2013, 41, 2603-2616.	1.7	19
77	A dynamic and thermodynamic coupling view of the linkages between Eurasian cooling and Arctic warming. <i>Climate Dynamics</i> , 2022, 58, 2725-2744.	1.7	19
78	CAS FGOALS-f3-L model dataset descriptions for CMIP6 DECK experiments. <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 582-588.	0.5	18
79	New evidences on the climatic causes of the formation of the spring persistent rains over southeastern China. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 1081-1087.	1.9	17
80	Comparisons of soil moisture datasets over the Tibetan Plateau and application to the simulation of Asia summer monsoon onset. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 303-314.	1.9	17
81	Large-scale Dynamics and Moisture Sources of the Precipitation Over the Western Tibetan Plateau in Boreal Winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032133.	1.2	17
82	Influence of land evapotranspiration on climate variations. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 838-846.	0.9	16
83	Cloud radiative forcing in Asian monsoon region simulated by IPCC AR4 AMIP models. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 923-939.	1.9	16
84	Barotropic process contributing to the formation and growth of tropical cyclone Nargis. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 483-491.	1.9	16
85	The effects of asymmetric potential vorticity forcing on the instability of South Asia High and Indian summer monsoon onset. <i>Science China Earth Sciences</i> , 2014, 57, 337-350.	2.3	15
86	CAS FGOALS-f3-H and CAS FGOALS-f3-L outputs for the high-resolution model intercomparison project simulation of CMIP6. <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 576-581.	0.5	15
87	Abnormal warm sea surface temperature in the Indian Ocean, active potential vorticity over the Tibetan Plateau, and severe flooding along the Yangtze River in summer 2020. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 1001-1019.	1.0	15
88	Characteristics of the potential vorticity and its budget in the surface layer over the Tibetan plateau. <i>International Journal of Climatology</i> , 2021, 41, 439-455.	1.5	13
89	Features of rainfall and latent heating structure simulated by two convective parameterization schemes. <i>Science China Earth Sciences</i> , 2011, 54, 1779-1788.	2.3	12
90	The application of flux-form semi-Lagrangian transport scheme in a spectral atmosphere model. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 89-100.	1.9	12

#	ARTICLE	IF	CITATIONS
91	Comparisons of GCM cloud cover parameterizations with cloud-resolving model explicit simulations. <i>Science China Earth Sciences</i> , 2015, 58, 604-614.	2.3	12
92	Response of the Indian Ocean to the Tibetan Plateau Thermal Forcing in Late Spring. <i>Journal of Climate</i> , 2019, 32, 6917-6938.	1.2	12
93	Impact of potential vorticity anomalies around the eastern Tibetan Plateau on quasi-biweekly oscillations of summer rainfall within and south of the Yangtze Basin in 2016. <i>Climate Dynamics</i> , 2021, 56, 813-835.	1.7	12
94	ADAPTATION OF THE ATMOSPHERIC CIRCULATION TO THERMAL FORCING OVER THE TIBETAN PLATEAU. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2004, , 92-114.	0.2	12
95	A study on sulfate optical properties and direct radiative forcing using LASG-IAP general circulation model. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 1185-1199.	1.9	11
96	Roles of forced and inertially unstable convection development in the onset process of Indian summer monsoon. <i>Science China Earth Sciences</i> , 2014, 57, 1438-1451.	2.3	11
97	Impact of Surface Potential Vorticity Density Forcing over the Tibetan Plateau on the South China Extreme Precipitation in January 2008. Part I: Data Analysis. <i>Journal of Meteorological Research</i> , 2019, 33, 400-415.	0.9	11
98	Asymmetrical Response of the East Asian Summer Monsoon to the Quadrennial Oscillation of Global Sea Surface Temperature Associated With the Tibetan Plateau Thermal Feedback. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032129.	1.2	11
99	Interdecadal variability in the tropical Indian Ocean and its dynamic explanation. <i>Science Bulletin</i> , 1999, 44, 1620-1627.	1.7	10
100	Winter season stratospheric circulation in the SAMIL/LASG general circulation model. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 451-464.	1.9	10
101	Dynamical Seasonal Prediction of Tropical Cyclone Activity Using the FGOALS-f2 Ensemble Prediction System. <i>Weather and Forecasting</i> , 2021, 36, 1759-1778.	0.5	10
102	Dynamical and thermal problems in vortex development and movement. Part II: Generalized slantwise vorticity development. <i>Journal of Meteorological Research</i> , 2013, 27, 15-25.	1.0	9
103	Seasonal evolution of subtropical anticyclones in the climate system model FGOALS-s2. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 593-606.	1.9	9
104	PV Perspective of Impacts on Downstream Extreme Rainfall Event of a Tibetan Plateau Vortex Collaborating with a Southwest China Vortex. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1835-1851.	1.9	9
105	Progress in research of stratosphere-troposphere interactions: Application of isentropic potential vorticity dynamics and the effects of the Tibetan Plateau. <i>Journal of Meteorological Research</i> , 2014, 28, 714-731.	0.9	8
106	Varying Rossby Wave Trains from the Developing to Decaying Period of the Upper Atmospheric Heat Source over the Tibetan Plateau in Boreal Summer. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 1114-1128.	1.9	8
107	Onset of the Bay of Bengal summer monsoon and the seasonal timing of <sc>ENSO</sc>'s decay phase. <i>International Journal of Climatology</i> , 2017, 37, 4938-4948.	1.5	7
108	Impact of Surface Potential Vorticity Density Forcing over the Tibetan Plateau on the South China Extreme Precipitation in January 2008. Part II: Numerical Simulation. <i>Journal of Meteorological Research</i> , 2019, 33, 416-432.	0.9	7

#	ARTICLE	IF	CITATIONS
109	Landâ€™air coupling over the Tibetan Plateau and its climate impacts. National Science Review, 2020, 7, 485-485.	4.6	7
110	A Regimeâ€Based Investigation Into the Errors of CMIP6 Simulated Cloud Radiative Effects Using Satellite Observations. Geophysical Research Letters, 2021, 48, e2021GL095399.	1.5	7
111	Potential vorticity perspective of the genesis of a Tibetan Plateau vortex in June 2016. Climate Dynamics, 2022, 58, 3351-3367.	1.7	7
112	Research on the dry intrusion accompanying the low vortex precipitation. Science in China Series D: Earth Sciences, 2007, 50, 1396-1408.	0.9	6
113	Earth System Model FGOALS-s2: Coupling a dynamic global vegetation and terrestrial carbon model with the physical climate system model. Advances in Atmospheric Sciences, 2013, 30, 1549-1559.	1.9	6
114	Interannual Influences of the Surface Potential Vorticity Forcing over the Tibetan Plateau on East Asian Summer Rainfall. Advances in Atmospheric Sciences, 2022, 39, 1050-1061.	1.9	6
115	Potential Impact of Spring Thermal Forcing Over the Tibetan Plateau on the Following Winter El NiÃ±oâ€™Southern Oscillation. Geophysical Research Letters, 2022, 49, .	1.5	6
116	An evaluation of the effects of cloud parameterization in the R42L9 GCM. Advances in Atmospheric Sciences, 2004, 21, 153-162.	1.9	5
117	Potential vorticity structure and inversion of the cyclogenesis over the Yangtze River and Huaihe River valleys. Advances in Atmospheric Sciences, 2007, 24, 44-54.	1.9	5
118	Linkage between cross-equatorial potential vorticity flux and surface air temperature over the midâ€™high latitudes of Eurasia during boreal spring. Climate Dynamics, 2022, 59, 3247-3263.	1.7	5
119	The wavenumber-frequency characteristics of the tropical waves in an aqua-planet GCM. Advances in Atmospheric Sciences, 2008, 25, 541-554.	1.9	4
120	Local airâ€™sea interaction in Intertropical Convergence Zone simulations. Journal of Geophysical Research, 2009, 114, .	3.3	4
121	Sensitivity of simulated tropical intraseasonal oscillations to cumulus schemes. Science China Earth Sciences, 2011, 54, 1761-1771.	2.3	4
122	CAS FGOALS-f3-L Large-ensemble Simulations for the CMIP6 Polar Amplification Model Intercomparison Project. Advances in Atmospheric Sciences, 2021, 38, 1028-1049.	1.9	4
123	Evaluation of the seasonality and spatial aspects of the Southern Annular Mode in <sc>CMIP6</sc> models. International Journal of Climatology, 2022, 42, 3820-3837.	1.5	4
124	Quantification of Seasonal and Interannual Variations of the Tibetan Plateau Surface Thermodynamic Forcing Based on the Potential Vorticity. Geophysical Research Letters, 2022, 49, .	1.5	4
125	Interannual Impact of the North Atlantic Tripole SST Mode on the Surface Potential Vorticity Over the Tibetan Plateau During Boreal Summer. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	4
126	FORMATION OF THE SUMMERTIME SUBTROPICAL ANTICYCLONES. World Scientific Series on Asia-Pacific Weather and Climate, 2004, , 499-544.	0.2	3

#	ARTICLE	IF	CITATIONS
127	Wave-mean flow interaction and its relationship with the atmospheric energy cycle with diabatic heating. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 1293-1302.	0.9	3
128	Comparisons of the temperature and humidity profiles of reanalysis products with shipboard GPS sounding measurements obtained during the 2018 Eastern Indian Ocean Open Cruise. <i>Atmospheric and Oceanic Science Letters</i> , 2019, 12, 177-183.	0.5	3
129	The climate variability in global land precipitation in FGOALS-f3-L: A comparison between GMMIP and historical simulations. <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 559-567.	0.5	3
130	Analysis on observing optimization for the wind-driven circulation by an adjoint approach. <i>Science in China Series D: Earth Sciences</i> , 2000, 43, 243-252.	0.9	2
131	Atmospheric angular momentum transport and balance in the AGCM-SAMIL. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 1183-1192.	1.9	2
132	Modulation of land-sea thermal contrast on the energy source and sink of tropical cyclone activity and its annual cycle. <i>Science China Earth Sciences</i> , 2012, 55, 1855-1871.	2.3	2
133	Decadal variations in the season advancement of spring water cycle over Eastern China. <i>Science China Earth Sciences</i> , 2012, 55, 1358-1370.	2.3	2
134	Performance of FGOALS-s2 in simulating intraseasonal oscillation over the south Asian monsoon region. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 607-620.	1.9	2
135	An updated coupled model for land-atmosphere interaction. Part I: Simulations of physical processes. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 619-631.	1.9	1
136	An updated coupled model for land-atmosphere interaction. Part II: Simulations of biological processes. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 632-640.	1.9	1
137	Opposite responses of the Indian Ocean to the thermal forcing of the Tibetan Plateau before and after the onset of the South Asian monsoon. <i>Journal of Climate</i> , 2021, , 1-56.	1.2	1
138	Meridional Tripole Mode of Winter Precipitation over the Arctic and Continental North Africa–Eurasia. <i>Journal of Climate</i> , 2021, , 1.	1.2	1
139	THERMAL-DYNAMICAL EFFECTS OF THE TIBETAN PLATEAU ON THE EAST ASIAN MONSOON. <i>Monsoon Asia Integrated Regional Study on Global Change</i> , 2008, , 9-22.	0.0	1
140	The Behavior of Moist Potential Vorticity in the Interactions of Binary Typhoons Lekima and Krosa (2019) in with Different High-Resolution Simulations. <i>Atmosphere</i> , 2022, 13, 281.	1.0	1
141	Optimal Meridional Positions of the Tibetan Plateau for Intensifying the Asian Summer Monsoon. <i>Journal of Climate</i> , 2022, , 1-39.	1.2	1
142	The Nature of the Thermal Forcing of the Asian Summer Monsoon. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2021, , 27-36.	0.2	0