

Xiaodong Liu

List of Publications by Year in descending order

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148
papers

11,694
citations

57681

46
h-index

32181

105
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157
all docs

157
docs citations

157
times ranked

12037
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinguishing the provenance of fine-grained eolian dust over the Chinese Loess Plateau from a modelling perspective. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 63, 959.	0.8	29
2	Numerical simulation of clouds and precipitation depending on different relationships between aerosol and cloud droplet spectral dispersion. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 65, 19054.	0.8	27
3	Direct Radiative Effect (DRE) of Dust Aerosols on West African and East Asian Monsoon: The Role of Ocean-Atmosphere Interactions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	3
4	Differing responses of precipitation in Northern Hemisphere mid-latitudes to increased black carbon aerosols and carbon dioxide. <i>Environmental Research</i> , 2022, 210, 112938.	3.7	1
5	Fast and Slow Responses of the Indian Summer Monsoon to the Direct Radiative Effect of West Asian Dust Aerosols. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	0
6	Response of summer extreme precipitation over East Asia during the mid-Holocene versus future global warming. <i>Global and Planetary Change</i> , 2021, 197, 103398.	1.6	13
7	Impacts of dynamic and thermal forcing by the Tibetan Plateau on the precipitation distribution in the Asian arid and monsoon regions. <i>Climate Dynamics</i> , 2021, 56, 2339-2358.	1.7	31
8	Distinct effects of winter monsoon and westerly circulation on dust aerosol transport over East Asia. <i>Theoretical and Applied Climatology</i> , 2021, 144, 1031-1042.	1.3	11
9	Climatology and physical mechanisms of the tropospheric warm cores over the Tibetan Plateau and its vicinity. <i>Climate Dynamics</i> , 2021, 57, 953-974.	1.7	1
10	Seasonal Variation of the Westerly Jet over Asia in the Last Glacial Maximum: Role of the Tibetan Plateau Heating. <i>Journal of Climate</i> , 2021, 34, 2723-2740.	1.2	10
11	Global Impact of ENSO on Dust Activities with Emphasis on the Key Region from the Arabian Peninsula to Central Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034068.	1.2	17
12	Fossil evidence reveals uplift of the central Tibetan Plateau and differentiated ecosystems during the Late Oligocene. <i>Science Bulletin</i> , 2021, 66, 1164-1167.	4.3	12
13	Distinct Holocene precipitation trends over arid Central Asia and linkages to westerlies and Asian monsoon. <i>Quaternary Science Reviews</i> , 2021, 266, 107055.	1.4	16
14	Global warming-induced Asian hydrological climate transition across the Miocene-Pliocene boundary. <i>Nature Communications</i> , 2021, 12, 6935.	5.8	31
15	Joint influence of surface erosion and high-latitude ice-sheet extent on Asian dust cycle during the last glacial maximum. <i>Geological Magazine</i> , 2020, 157, 777-789.	0.9	4
16	Relationship between the sharp decrease in dust storm frequency over East Asia and the abrupt loss of Arctic sea ice in the early 1980s. <i>Geological Magazine</i> , 2020, 157, 729-740.	0.9	7
17	A transient simulation of precession-scale spring dust activity over northern China and its relation to mid-latitude atmospheric circulation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 542, 109585.	1.0	10
18	Influence of the Tibetan Plateau and its northern margins on the mid-latitude Westerly Jet over Central Asia in summer. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 544, 109611.	1.0	14

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19	Effects of dust-in-snow forcing over the Tibetan Plateau on the East Asian dust cycle during the Last Glacial Maximum. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 542, 109442.	1.0	4
20	Asian Summer Monsoon changes the pollen flow on the Tibetan Plateau. <i>Earth-Science Reviews</i> , 2020, 202, 103114.	4.0	29
21	Seasonal and interannual variations of atmospheric dust aerosols in mid and low latitudes of Asia "A comparative study. <i>Atmospheric Research</i> , 2020, 244, 105036.	1.8	17
22	Distinct responses of Asian summer monsoon to black carbon aerosols and greenhouse gases. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 11823-11839.	1.9	15
23	Modulation of springtime surface sensible heating over the Tibetan Plateau on the interannual variability of East Asian dust cycle. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 11143-11159.	1.9	3
24	A Transient Modeling Study of the Latitude Dependence of East Asian Winter Monsoon Variations on Orbital Timescales. <i>Geophysical Research Letters</i> , 2019, 46, 7565-7573.	1.5	12
25	Radiative Effect of Mineral Dust on East Asian Summer Monsoon During the Last Glacial Maximum: Role of Snow-Albedo Feedback. <i>Geophysical Research Letters</i> , 2019, 46, 10901-10909.	1.5	19
26	Effect of marginal topography around the Tibetan Plateau on the evolution of central Asian arid climate: Yunnan-Guizhou and Mongolian Plateaux as examples. <i>Climate Dynamics</i> , 2019, 53, 4433-4445.	1.7	18
27	Modeling Dust Direct Radiative Feedbacks in East Asia During the Last Glacial Maximum. <i>Atmosphere</i> , 2019, 10, 146.	1.0	3
28	Continental drift, plateau uplift, and the evolutions of monsoon and arid regions in Asia, Africa, and Australia during the Cenozoic. <i>Science China Earth Sciences</i> , 2019, 62, 1053-1075.	2.3	26
29	Snow-darkening versus direct radiative effects of mineral dust aerosol on the Indian summer monsoon onset: role of temperature change over dust sources. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 1605-1622.	1.9	24
30	Global NDVI Patterns in Response to Atmospheric Water Vapor Anomalies over the Indo-Pacific Warm Pool during April-June. <i>Journal of Climate</i> , 2019, 32, 1167-1180.	1.2	5
31	Distinct responses of East Asian and Indian summer monsoons to astronomical insolation during Marine Isotope Stages 5c and 5e. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 510, 40-48.	1.0	5
32	Mineral magnetic record of the Miocene-Pliocene climate transition on the Chinese Loess Plateau, North China. <i>Quaternary Research</i> , 2018, 89, 619-628.	1.0	6
33	Impact of East Asian summer monsoon circulation on the regional aerosol distribution in observations and models. <i>Theoretical and Applied Climatology</i> , 2018, 133, 377-384.	1.3	6
34	Influence of Central Siberian Snow-Albedo Feedback on the Spring East Asian Dust Cycle and Connection With the Preceding Winter Arctic Oscillation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,368.	1.2	4
35	Radiative feedbacks of dust in snow over eastern Asia in CAM4-BAM. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12683-12698.	1.9	27
36	Reply to Zhang et al.: Late Miocene-Pliocene magnetochronology of the Shilou Red Clay on the eastern Chinese Loess Plateau. <i>Earth and Planetary Science Letters</i> , 2018, 503, 252-255.	1.8	3

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37	The Impacts of Taklimakan Dust Events on Chinese Urban Air Quality in 2015. <i>Atmosphere</i> , 2018, 9, 281.	1.0	11
38	Modeling East Asian Dust and Its Radiative Feedbacks in CAM4-EBAM. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 1079-1096.	1.2	33
39	Role of the Tian Shan Mountains and Pamir Plateau in Increasing Spatiotemporal Differentiation of Precipitation over Interior Asia. <i>Journal of Climate</i> , 2018, 31, 8141-8162.	1.2	29
40	Role of microphysical parameterizations with droplet relative dispersion in IAP AGCM 4.1. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 248-259.	1.9	4
41	Impacts of the uplift of four mountain ranges on the arid climate and dust cycle of inland Asia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 505, 167-179.	1.0	16
42	Climate Variability in Monsoon and Arid Regions Attributable to Dynamic Vegetation in a Global Climate Model. <i>Journal of the Meteorological Society of Japan</i> , 2018, 96, 391-403.	0.7	2
43	Quantitative assessment of the role of doubled CO ₂ and associated climate change in the vegetation dynamics and hydrological cycle in the Sino-Mongolia arid and semi-arid region. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017, 31, 785-797.	1.9	3
44	Aerosol size distribution and new particle formation events in the suburb of Xi'an, northwest China. <i>Atmospheric Environment</i> , 2017, 153, 194-205.	1.9	21
45	Continental drift and plateau uplift control origination and evolution of Asian and Australian monsoons. <i>Scientific Reports</i> , 2017, 7, 40344.	1.6	26
46	Transient simulation of the Tibetan Plateau modulated distinct orbital-scale precipitation variation in East and South Asia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 899-905.	1.0	6
47	Intraseasonal variability of winter precipitation over central asia and the western tibetan plateau from 1979 to 2013 and its relationship with the North Atlantic Oscillation. <i>Dynamics of Atmospheres and Oceans</i> , 2017, 79, 31-42.	0.7	15
48	Effect of Yunnan-Guizhou Topography at the Southeastern Tibetan Plateau on the Indian Monsoon. <i>Journal of Climate</i> , 2017, 30, 1259-1272.	1.2	35
49	Direct radiative effects of dust aerosols emitted from the Tibetan Plateau on the East Asian summer monsoon – a regional climate model simulation. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 13731-13745.	1.9	18
50	Sensitivity study of cloud parameterizations with relative dispersion in CAM5.1: impacts on aerosol indirect effects. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 5877-5892.	1.9	24
51	Different Characteristics of New Particle Formation Events at Two Suburban Sites in Northern China. <i>Atmosphere</i> , 2017, 8, 258.	1.0	6
52	Atmospheric connections with the North Atlantic enhanced the deglacial warming in northeast China. <i>Geology</i> , 2017, 45, 1031-1034.	2.0	55
53	Effects of Aerosols on Radiative Forcing and Climate Over East Asia With Different SO ₂ Emissions. <i>Atmosphere</i> , 2016, 7, 99.	1.0	12
54	Effects of Strong East Asian Cold Surges on Improving the Air Quality over Mainland China. <i>Atmosphere</i> , 2016, 7, 38.	1.0	13

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55	Numerical Modeling of Topography-Modulated Dust Aerosol Distribution and Its Influence on the Onset of East Asian Summer Monsoon. <i>Advances in Meteorology</i> , 2016, 2016, 1-15.	0.6	4
56	Distinct effects of anthropogenic aerosols on the East Asian summer monsoon between multidecadal strong and weak monsoon stages. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7026-7040.	1.2	29
57	Late Miocene–Pliocene Asian monsoon intensification linked to Antarctic ice-sheet growth. <i>Earth and Planetary Science Letters</i> , 2016, 444, 75-87.	1.8	86
58	Abrupt summer warming and changes in temperature extremes over Northeast Asia since the mid-1990s: Drivers and physical processes. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 1005-1023.	1.9	64
59	Climatology and Structures of Southwest Vortices in the NCEP Climate Forecast System Reanalysis. <i>Journal of Climate</i> , 2016, 29, 7675-7701.	1.2	44
60	Deteriorating haze situation and the severe haze episode during December 18–25 of 2013 in Xi'an, China, the worst event on record. <i>Theoretical and Applied Climatology</i> , 2016, 125, 321-335.	1.3	10
61	Mechanisms of elevation-dependent warming over the Tibetan plateau in quadrupled CO ₂ experiments. <i>Climatic Change</i> , 2016, 135, 509-519.	1.7	84
62	Numerical simulation of influence of Tibetan Plateau uplift on winter dust cycle in Asian arid regions. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	9
63	Current and future precipitation extremes over Mississippi and Yangtze River basins as simulated in CMIP5 models. <i>Journal of Earth Science (Wuhan, China)</i> , 2016, 27, 22-36.	1.1	26
64	A new method to constrain soil development time using both OSL and radiocarbon dating. <i>Geoderma</i> , 2016, 261, 93-100.	2.3	20
65	Sensitivity analysis of modelled responses of vegetation dynamics on the Tibetan Plateau to doubled CO ₂ and associated climate change. <i>Theoretical and Applied Climatology</i> , 2016, 124, 229-239.	1.3	8
66	Numerical simulation of Tibetan Plateau heating anomaly influence on westerly jet in spring. <i>Journal of Earth System Science</i> , 2015, 124, 1599-1607.	0.6	8
67	Distinct impacts of the Mongolian and Tibetan Plateaus on the evolution of the East Asian monsoon. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 4764-4782.	1.2	62
68	On the Robustness of the Weakening Effect of Anthropogenic Aerosols on the East Asian Summer Monsoon with Multimodel Results. <i>Advances in Meteorology</i> , 2015, 2015, 1-8.	0.6	12
69	Numerical Simulation of the Direct Radiative Effects of Dust Aerosol on the East Asian Winter Monsoon. <i>Advances in Meteorology</i> , 2015, 2015, 1-15.	0.6	4
70	Where were the monsoon regions and arid zones in Asia prior to the Tibetan Plateau uplift?. <i>National Science Review</i> , 2015, 2, 403-416.	4.6	40
71	Paleoclimate modeling in China: A review. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 250-275.	1.9	34
72	Aerosol-cloud-precipitation interactions in WRF model: Sensitivity to autoconversion parameterization. <i>Journal of Meteorological Research</i> , 2015, 29, 72-81.	0.9	17

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73	Impact of Mongolian Plateau versus Tibetan Plateau on the westerly jet over North Pacific Ocean. <i>Climate Dynamics</i> , 2015, 44, 3067-3076.	1.7	50
74	Astronomical and glacial forcing of East Asian summer monsoon variability. <i>Quaternary Science Reviews</i> , 2015, 115, 132-142.	1.4	141
75	Elevation-dependent warming in mountain regions of the world. <i>Nature Climate Change</i> , 2015, 5, 424-430.	8.1	1,814
76	Impacts of uplift of northern Tibetan Plateau and formation of Asian inland deserts on regional climate and environment. <i>Quaternary Science Reviews</i> , 2015, 116, 1-14.	1.4	79
77	A magnetic graphene hybrid functionalized with beta-cyclodextrins for fast and efficient removal of organic dyes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 12296.	5.2	113
78	A Comparative Study on Precipitation Climatology and Interannual Variability in the Lower Midlatitude East Asia and Central Asia. <i>Journal of Climate</i> , 2014, 27, 7830-7848.	1.2	50
79	Late Cenozoic Climate Change in Monsoon-Arid Asia and Global Changes. <i>Developments in Paleoenvironmental Research</i> , 2014, , 491-581.	7.5	22
80	Influence of the Tibetan Plateau uplift on the Asian monsoon-arid environment evolution. <i>Science Bulletin</i> , 2013, 58, 4277-4291.	1.7	103
81	Analytical studies of the cloud droplet spectral dispersion influence on the first indirect aerosol effect. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 1313-1319.	1.9	11
82	Transient simulation of orbital-scale precipitation variation in monsoonal East Asia and arid central Asia during the last 150 ka. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 7481-7488.	1.2	47
83	Intermodel Variability and Mechanism Attribution of Central and Southeastern U.S. Anomalous Cooling in the Twentieth Century as Simulated by CMIP5 Models. <i>Journal of Climate</i> , 2013, 26, 6215-6237.	1.2	43
84	Variation in rainy season precipitation and associated water vapor transport over the Chinese Loess Plateau during 1961-2012. <i>Climate Research</i> , 2013, 58, 43-53.	0.4	10
85	Effects of Aerosol Solubility and Regeneration on Mixed-Phase Orographic Clouds and Precipitation. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 1994-2010.	0.6	38
86	On the Use of Scattering Kernels to Calculate Ice Cloud Bulk Optical Properties. <i>Journal of Atmospheric and Oceanic Technology</i> , 2012, 29, 50-63.	0.5	4
87	Aerosol-cloud-precipitation relationships from satellite observations and global climate model simulations. <i>Journal of Applied Remote Sensing</i> , 2012, 6, 063503.	0.6	11
88	Interplay between the Westerlies and Asian monsoon recorded in Lake Qinghai sediments since 32 ka. <i>Scientific Reports</i> , 2012, 2, 619.	1.6	629
89	Anti-phased response of northern and southern East Asian summer precipitation to ENSO modulation of orbital forcing. <i>Quaternary Science Reviews</i> , 2012, 40, 30-38.	1.4	64
90	Different orbital rhythms in the Asian summer monsoon records from North and South China during the Pleistocene. <i>Global and Planetary Change</i> , 2012, 80-81, 51-60.	1.6	37

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91	Numerical simulation of spatial-temporal distribution of dust aerosol and its direct radiative effects on East Asian climate. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	61
92	Modeling the climate effects of different subregional uplifts within the Himalaya-Tibetan Plateau on Asian summer monsoon evolution. <i>Science Bulletin</i> , 2012, 57, 4617-4626.	1.7	46
93	Effects of Dimensionality on Simulated Large-Scale Convective Organization and Coupled Waves. <i>Journal of the Meteorological Society of Japan</i> , 2012, 90, 59-78.	0.7	2
94	Glacial-Interglacial Indian Summer Monsoon Dynamics. <i>Science</i> , 2011, 333, 719-723.	6.0	385
95	Effects of spectral dispersion on clouds and precipitation in mesoscale convective systems. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	14
96	Study of the Impact of Summer Monsoon Circulation on Spatial Distribution of Aerosols in East Asia Based on Numerical Simulations. <i>Journal of Applied Meteorology and Climatology</i> , 2011, 50, 2270-2282.	0.6	48
97	Influence of Indian Summer Monsoon on Aerosol Loading in East Asia. <i>Journal of Applied Meteorology and Climatology</i> , 2011, 50, 523-533.	0.6	43
98	Distinct responses of East Asian summer and winter monsoons to astronomical forcing. <i>Climate of the Past</i> , 2011, 7, 1363-1370.	1.3	43
99	Convective signals from surface measurements at ARM Tropical Western Pacific site: Manus. <i>Climate Dynamics</i> , 2011, 36, 431-449.	1.7	11
100	Modeling the time-dependent response of the Asian summer monsoon to obliquity forcing in a coupled GCM: a PHASEMAP sensitivity experiment. <i>Climate Dynamics</i> , 2011, 36, 695-710.	1.7	29
101	Simulated variations of eolian dust from inner Asian deserts at the mid-Pliocene, last glacial maximum, and present day: contributions from the regional tectonic uplift and global climate change. <i>Climate Dynamics</i> , 2011, 37, 2289-2301.	1.7	45
102	A modeling study of the effects of aerosols on clouds and precipitation over East Asia. <i>Theoretical and Applied Climatology</i> , 2011, 106, 343-354.	1.3	61
103	Contrasting impacts of spring thermal conditions over Tibetan Plateau on late-spring to early-summer precipitation in southeast China. <i>Atmospheric Science Letters</i> , 2011, 12, 309-315.	0.8	22
104	A 2000-year record of copper pollution in South China Sea derived from seabird excrements: a potential indicator for copper production and civilization of China. <i>Journal of Paleolimnology</i> , 2010, 44, 431-442.	0.8	33
105	Contingency table analysis of pebble lithology and roundness: A case study of Huangshui River, China and comparison to rivers in the Rocky Mountains, USA. <i>Sedimentary Geology</i> , 2010, 224, 49-53.	1.0	12
106	Spectral dispersion of cloud droplet size distributions and radar threshold reflectivity for drizzle. <i>Chinese Physics B</i> , 2010, 19, 109201.	0.7	3
107	Diurnal variations of summertime precipitation over the Tibetan Plateau in relation to orographically-induced regional circulations. <i>Environmental Research Letters</i> , 2009, 4, 045203.	2.2	56
108	Effect of precession on the Asian summer monsoon evolution: A systematic review. <i>Science Bulletin</i> , 2009, 54, 3720-3730.	1.7	32

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109	Elevation dependency of recent and future minimum surface air temperature trends in the Tibetan Plateau and its surroundings. <i>Global and Planetary Change</i> , 2009, 68, 164-174.	1.6	399
110	Evaluating regional cloud-permitting simulations of the WRF model for the Tropical Warm Pool International Cloud Experiment (TWPâ€ICE), Darwin, 2006. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	43
111	Analytical three-moment autoconversion parameterization based on generalized gamma distribution. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	19
112	Simulation of the evolutionary response of global summer monsoons to orbital forcing over the past 280,000 years. <i>Climate Dynamics</i> , 2008, 30, 567-579.	1.7	230
113	An Assessment of the Biases of Satellite Rainfall Estimates over the Tibetan Plateau and Correction Methods Based on Topographic Analysis. <i>Journal of Hydrometeorology</i> , 2008, 9, 301-326.	0.7	125
114	Diurnal Variation of Summer Rainfall over the Tibetan Plateau and Its Neighboring Regions Revealed by TRMM Multi-Satellite Precipitation Analysis. <i>Chinese Journal of Geophysics</i> , 2008, 51, 518-529.	0.2	31
115	A 10,000 year record of dune activity, dust storms, and severe drought in the central Great Plains. <i>Geology</i> , 2007, 35, 119.	2.0	188
116	Sensitivity of the Australian summer monsoon to tilt and precession forcing. <i>Quaternary Science Reviews</i> , 2007, 26, 3043-3057.	1.4	59
117	A Coupled Model Study of Glacial Asian Monsoon Variability and Indian Ocean Dipole. <i>Journal of the Meteorological Society of Japan</i> , 2007, 85, 1-10.	0.7	88
118	Climatology and trends of wet spells in China. <i>Theoretical and Applied Climatology</i> , 2007, 88, 139-148.	1.3	51
119	Response of vegetation in the Qinghai-Tibet Plateau to global warming. <i>Chinese Geographical Science</i> , 2007, 17, 151-159.	1.2	67
120	Temporal trends and variability of daily maximum and minimum, extreme temperature events, and growing season length over the eastern and central Tibetan Plateau during 1961â€2003. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	245
121	Cloud type climatology over the Tibetan Plateau: A comparison of ISCCP and MODIS/TERRA measurements with surface observations. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	33
122	Simulation of soil moisture and its variability in East Asia. , 2006, , .		4
123	Hemispheric Insolation Forcing of the Indian Ocean and Asian Monsoon: Local versus Remote Impacts*. <i>Journal of Climate</i> , 2006, 19, 6195-6208.	1.2	45
124	Seasonal migration of cirrus clouds over the Asian Monsoon regions and the Tibetan Plateau measured from MODIS/Terra. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	52
125	Potential global climatic impacts of the North Pacific Ocean. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	7
126	Using a geographic information system to improve Special Sensor Microwave Imager precipitation estimates over the Tibetan Plateau. <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.	3.3	27

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127	Analyses of the spring dust storm frequency of northern China in relation to antecedent and concurrent wind, precipitation, vegetation, and soil moisture conditions. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	166
128	Periodicities of palaeoclimatic variations recorded by loess-paleosol sequences in China. <i>Quaternary Science Reviews</i> , 2004, 23, 1891-1900.	1.4	120
129	Symmetry and Asymmetry of the Asian and Australian Summer Monsoons. <i>Journal of Climate</i> , 2004, 17, 2413-2426.	1.2	59
130	Enhanced climatic warming in the Tibetan Plateau due to doubling CO ₂ : a model study. <i>Climate Dynamics</i> , 2003, 20, 401-413.	1.7	140
131	The Tibetan Plateau as amplifier of orbital-scale variability of the East Asian monsoon. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	65
132	Patterns and frequencies of the East Asian winter monsoon variations during the past million years revealed by wavelet and spectral analyses. <i>Global and Planetary Change</i> , 2003, 35, 67-74.	1.6	28
133	Sensitivity of East Asian monsoon climate to the uplift of the Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 183, 223-245.	1.0	294
134	Influence of Eurasian spring snow cover on Asian summer rainfall. <i>International Journal of Climatology</i> , 2002, 22, 1075-1089.	1.5	121
135	Terrestrial evidence for a spatial structure of tropical–polar interconnections during the Younger Dryas episode. <i>Earth and Planetary Science Letters</i> , 2001, 191, 231-239.	1.8	62
136	Reconstruction of the 30–40 ka bp enhanced Indian monsoon climate based on geological records from the Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 169, 69-83.	1.0	219
137	Relationship between the Indian monsoon rainfall and the tropospheric temperature over the Eurasian continent. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2001, 127, 909-937.	1.0	93
138	Spatial and Temporal Variation of Summer Precipitation over the Eastern Tibetan Plateau and the North Atlantic Oscillation. <i>Journal of Climate</i> , 2001, 14, 2896-2909.	1.2	189
139	Climatic warming in the Tibetan Plateau during recent decades. <i>International Journal of Climatology</i> , 2000, 20, 1729-1742.	1.5	1,472
140	Variability of East Asian Winter Monsoon in Quaternary Climatic Extremes in North China. <i>Quaternary Research</i> , 2000, 54, 321-327.	1.0	65
141	Amplitude of climatic changes in Qinghai-Tibetan Plateau. <i>Science Bulletin</i> , 2000, 45, 1236-1243.	1.7	157
142	Asynchronous Holocene optimum of the East Asian monsoon. <i>Quaternary Science Reviews</i> , 2000, 19, 743-762.	1.4	839
143	Climatic warming in the Tibetan Plateau during recent decades. , 2000, 20, 1729.		8
144	Eolian evidence from the Chinese Loess Plateau: the onset of the Late Cenozoic Great Glaciation in the Northern Hemisphere and Qinghai-Xizang Plateau uplift forcing. <i>Science in China Series D: Earth Sciences</i> , 1999, 42, 258-271.	0.9	72

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145	A very strong summer monsoon event during 30â€“40 kaBP in the Qinghai-Xizang (Tibet) Plateau and its relation to precessional cycle. <i>Science Bulletin</i> , 1999, 44, 1851-1858.	1.7	56
146	Astronomical calibration of loessâ€“paleosol deposits at Luochuan, central Chinese Loess Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 154, 237-246.	1.0	151
147	è·ë»Š40r1/2ž30kaé²è—é«~ãŽÿç%o1â¼4ªââžéŁŽâª«»ŕâšâ...ŕâžâ²â·â“æœÿâ...³ç³». <i>Chinese Science Bulletin</i> , 1999, 44, 1475-1480.		
148	Contemporary climatic change over the qinghai-xizang plateau and its response to the green-house effect. <i>Chinese Geographical Science</i> , 1998, 8, 289-298.	1.2	27