

Xuejia Wang

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,163
citations

361413

20
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

1105
citing authors

#	ARTICLE	IF	CITATIONS
1	Precipitation over the Tibetan Plateau during recent decades: a review based on observations and simulations. <i>International Journal of Climatology</i> , 2018, 38, 1116-1131.	3.5	164
2	The Tibetan Plateau cryosphere: Observations and model simulations for current status and recent changes. <i>Earth-Science Reviews</i> , 2019, 190, 353-369.	9.1	163
3	Using the NDVI to identify variations in, and responses of, vegetation to climate change on the Tibetan Plateau from 1982 to 2012. <i>Quaternary International</i> , 2017, 444, 87-96.	1.5	145
4	The dramatic climate warming in the Qaidam Basin, northeastern Tibetan Plateau, during 1961–2010. <i>International Journal of Climatology</i> , 2014, 34, 1524-1537.	3.5	52
5	Provenance of cryoconite deposited on the glaciers of the Tibetan Plateau: New insights from Nd–Sr isotopic composition and size distribution. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7371-7382.	3.3	46
6	Evaluation of climate on the Tibetan Plateau using ERA-Interim reanalysis and gridded observations during the period 1979–2012. <i>Quaternary International</i> , 2017, 444, 76-86.	1.5	43
7	Contrasting characteristics, changes, and linkages of permafrost between the Arctic and the Third Pole. <i>Earth-Science Reviews</i> , 2022, 230, 104042.	9.1	42
8	Glacier change in China over past decades: Spatiotemporal patterns and influencing factors. <i>Earth-Science Reviews</i> , 2022, 226, 103926.	9.1	40
9	The Precipitation Variations in the Qinghai-Xizang (Tibetan) Plateau during 1961–2015. <i>Atmosphere</i> , 2017, 8, 80.	2.3	35
10	Effects of modified soil water–heat physics on RegCM4 simulations of climate over the Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 6692-6712.	3.3	34
11	Spatiotemporal variations of land surface albedo and associated influencing factors on the Tibetan Plateau. <i>Science of the Total Environment</i> , 2022, 804, 150100.	8.0	32
12	Qinghai-Xizang (Tibetan) Plateau climate simulation using the regional climate model RegCM3. <i>Climate Research</i> , 2013, 57, 173-186.	1.1	32
13	Composition and mixing states of brown haze particle over the Himalayas along two transboundary south-north transects. <i>Atmospheric Environment</i> , 2017, 156, 24-35.	4.1	28
14	Spatial and temporal precipitation variability in the source region of the Yellow River. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	27
15	Precipitation changes in the Qilian Mountains associated with the shifts of regional atmospheric water vapour during 1960–2014. <i>International Journal of Climatology</i> , 2018, 38, 4355-4368.	3.5	27
16	A climatology of surface–air temperature difference over the Tibetan Plateau: Results from multi-source reanalyses. <i>International Journal of Climatology</i> , 2020, 40, 6080-6094.	3.5	25
17	Historical and future climates over the upper and middle reaches of the Yellow River Basin simulated by a regional climate model in CORDEX. <i>Climate Dynamics</i> , 2021, 56, 2749-2771.	3.8	23
18	Hf–Nd–Sr Isotopic Composition as Fingerprint for Long-Range Transported Eolian Dust Deposition in Glacier Snowpack of Eastern Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 7013-7023.	3.3	22

#	ARTICLE	IF	CITATIONS
19	The Spatial and Temporal Variation of Temperature in the Qinghai-Xizang (Tibetan) Plateau during 1971–2015. <i>Atmosphere</i> , 2017, 8, 214.	2.3	21
20	Simulation and improvement of land surface processes in Nameqie, Central Tibetan Plateau, using the Community Land Model (CLM3.5). <i>Environmental Earth Sciences</i> , 2015, 73, 7343-7357.	2.7	20
21	Evaluation of a climate simulation over the Yellow River Basin based on a regional climate model (REMO) within the CORDEX. <i>Atmospheric Research</i> , 2021, 254, 105522.	4.1	19
22	Effects of cumulus parameterization and land-surface hydrology schemes on Tibetan Plateau climate simulation during the wet season: insights from the RegCM4 model. <i>Climate Dynamics</i> , 2021, 57, 1853-1879.	3.8	18
23	Influences of Two Land-Surface Schemes on RegCM4 Precipitation Simulations over the Tibetan Plateau. <i>Advances in Meteorology</i> , 2015, 2015, 1-12.	1.6	16
24	Sensitivity of regional climate simulations to land-surface schemes on the Tibetan Plateau. <i>Climate Research</i> , 2014, 62, 25-43.	1.1	15
25	Spatial and Temporal Variations of Terrestrial Evapotranspiration in the Upper Taohe River Basin from 2001 to 2018 Based on MOD16 ET Data. <i>Advances in Meteorology</i> , 2020, 2020, 1-17.	1.6	13
26	Estimated changes in different forms of precipitation (snow, sleet, and rain) across China: 1961–2016. <i>Atmospheric Research</i> , 2022, 270, 106078.	4.1	12
27	Rapid urbanization induced daily maximum wind speed decline in metropolitan areas: A case study in the Yangtze River Delta (China). <i>Urban Climate</i> , 2022, 43, 101147.	5.7	12
28	Changes of temperature and precipitation and their impacts on runoff in the upper Taohe River in northwest China from 1956 to 2014. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	11
29	Variations in soil temperature at BJ site on the central Tibetan Plateau. <i>Journal of Mountain Science</i> , 2012, 9, 274-285.	2.0	7
30	Spatiotemporal Dynamics of Land Surface Albedo and Its Influencing Factors in the Qilian Mountains, Northeastern Tibetan Plateau. <i>Remote Sensing</i> , 2022, 14, 1922.	4.0	6
31	The Runoff in the Upper Taohe River Basin and Its Responses to Climate Change. <i>Water (Switzerland)</i> , 2022, 14, 2094.	2.7	4
32	Thermal regime variations of the uppermost soil layer in the central Tibetan Plateau. <i>Catena</i> , 2022, 213, 106224.	5.0	3