

Ning Yao

List of Publications by Year in descending order

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28
papers

1,017
citations

471509

17
h-index

526287

27
g-index

29
all docs

29
docs citations

29
times ranked

822
citing authors

#	ARTICLE	IF	CITATIONS
1	Drought evolution, severity and trends in mainland China over 1961–2013. <i>Science of the Total Environment</i> , 2018, 616-617, 73-89.	8.0	176
2	Spatial comparability of drought characteristics and related return periods in mainland China over 1961–2013. <i>Journal of Hydrology</i> , 2017, 550, 549-567.	5.4	137
3	Projections of drought characteristics in China based on a standardized precipitation and evapotranspiration index and multiple GCMs. <i>Science of the Total Environment</i> , 2020, 704, 135245.	8.0	126
4	Probabilistic modelling of drought events in China via 2-dimensional joint copula. <i>Journal of Hydrology</i> , 2018, 559, 373-391.	5.4	72
5	Future projections of extreme temperature events in different sub-regions of China. <i>Atmospheric Research</i> , 2019, 217, 150-164.	4.1	58
6	Bias correction of precipitation data and its effects on aridity and drought assessment in China over 1961–2015. <i>Science of the Total Environment</i> , 2018, 639, 1015-1027.	8.0	42
7	Impacts of multi-timescale SPEI and SMDI variations on winter wheat yields. <i>Agricultural Systems</i> , 2020, 185, 102955.	6.1	39
8	Drought evolution indicated by meteorological and remote-sensing drought indices under different land cover types in China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 4258-4274.	5.3	35
9	Spatiotemporal variability of four precipitation-based drought indices in Xinjiang, China. <i>Theoretical and Applied Climatology</i> , 2017, 129, 1017-1034.	2.8	33
10	Influences of removing linear and nonlinear trends from climatic variables on temporal variations of annual reference crop evapotranspiration in Xinjiang, China. <i>Science of the Total Environment</i> , 2017, 592, 680-692.	8.0	28
11	National-Scale Variation and Propagation Characteristics of Meteorological, Agricultural, and Hydrological Droughts in China. <i>Remote Sensing</i> , 2020, 12, 3407.	4.0	26
12	Influence of the accuracy of reference crop evapotranspiration on drought monitoring using standardized precipitation evapotranspiration index in mainland China. <i>Land Degradation and Development</i> , 2020, 31, 266-282.	3.9	21
13	Trends, change points and spatial variability in extreme precipitation events from 1961 to 2017 in China. <i>Hydrology Research</i> , 2020, 51, 484-504.	2.7	21
14	Spatiotemporal variability of standardized precipitation evapotranspiration index in mainland China over 1961–2016. <i>International Journal of Climatology</i> , 2020, 40, 4781-4799.	3.5	21
15	Historical and future projected frequency of extreme precipitation indicators using the optimized cumulative distribution functions in China. <i>Journal of Hydrology</i> , 2019, 579, 124170.	5.4	20
16	Soil water repellency decreases summer maize growth. <i>Agricultural and Forest Meteorology</i> , 2019, 266-267, 1-11.	4.8	20
17	Estimating crop genetic parameters for DSSAT with modified PEST software. <i>European Journal of Agronomy</i> , 2020, 115, 126017.	4.1	20
18	Monitoring monthly soil moisture conditions in China with temperature vegetation dryness indexes based on an enhanced vegetation index and normalized difference vegetation index. <i>Theoretical and Applied Climatology</i> , 2021, 143, 159-176.	2.8	20

#	ARTICLE	IF	CITATIONS
19	Response of wheat and maize growth-yields to meteorological and agricultural droughts based on standardized precipitation evapotranspiration indexes and soil moisture deficit indexes. <i>Agricultural Water Management</i> , 2022, 266, 107566.	5.6	19
20	Projection of the climate change effects on soil water dynamics of summer maize grown in water repellent soils using APSIM and HYDRUS-1D models. <i>Computers and Electronics in Agriculture</i> , 2021, 185, 106142.	7.7	18
21	Bias correction of the observed daily precipitation and re-division of climatic zones in China. <i>International Journal of Climatology</i> , 2018, 38, 3369-3387.	3.5	17
22	The Responses of Maize Yield and Water Use to Growth Stage-Based Irrigation on the Loess Plateau in China. <i>International Journal of Plant Production</i> , 2020, 14, 621-633.	2.2	15
23	Optimizing Sowing Date and Planting Density Can Mitigate the Impacts of Future Climate on Maize Yield: A Case Study in the Guanzhong Plain of China. <i>Agronomy</i> , 2021, 11, 1452.	3.0	14
24	Effects of changing climate on reference crop evapotranspiration over 1961–2013 in Xinjiang, China. <i>Theoretical and Applied Climatology</i> , 2018, 131, 349-362.	2.8	8
25	Better Drought Index between SPEI and SMDI and the Key Parameters in Denoting Drought Impacts on Spring Wheat Yields in Qinghai, China. <i>Agronomy</i> , 2022, 12, 1552.	3.0	5
26	A framework to quantify uncertainty of crop model parameters and its application in arid Northwest China. <i>Agricultural and Forest Meteorology</i> , 2022, 316, 108844.	4.8	4
27	Spatiotemporal Characteristics of Dryness/Wetness in the Wine Regions of China from 1981 to 2015. <i>Agronomy</i> , 2022, 12, 843.	3.0	2
28	Differences in Spatiotemporal Variability of Potential and Reference Crop Evapotranspirations. <i>Water (Switzerland)</i> , 2022, 14, 988.	2.7	0