

Guoyong Leng

List of Publications by Year in descending order

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140
papers

6,542
citations

57631

44
h-index

76769

74
g-index

145
all docs

145
docs citations

145
times ranked

5716
citing authors

#	ARTICLE	IF	CITATIONS
1	Crop yield sensitivity of global major agricultural countries to droughts and the projected changes in the future. <i>Science of the Total Environment</i> , 2019, 654, 811-821.	3.9	387
2	Climate change impacts on meteorological, agricultural and hydrological droughts in China. <i>Global and Planetary Change</i> , 2015, 126, 23-34.	1.6	356
3	The propagation from meteorological to hydrological drought and its potential influence factors. <i>Journal of Hydrology</i> , 2017, 547, 184-195.	2.3	296
4	Comparison of urbanization and climate change impacts on urban flood volumes: Importance of urban planning and drainage adaptation. <i>Science of the Total Environment</i> , 2019, 658, 24-33.	3.9	229
5	Projected Impacts of Climate Change on Drought Patterns Over East Africa. <i>Earth's Future</i> , 2020, 8, e2020EF001502.	2.4	164
6	Cross-scale intercomparison of climate change impacts simulated by regional and global hydrological models in eleven large river basins. <i>Climatic Change</i> , 2017, 141, 561-576.	1.7	137
7	Probabilistic assessment of remote sensing-based terrestrial vegetation vulnerability to drought stress of the Loess Plateau in China. <i>Remote Sensing of Environment</i> , 2019, 232, 111290.	4.6	133
8	Propagation thresholds of meteorological drought for triggering hydrological drought at various levels. <i>Science of the Total Environment</i> , 2020, 712, 136502.	3.9	131
9	Modeling the Effects of Groundwater-Fed Irrigation on Terrestrial Hydrology over the Conterminous United States. <i>Journal of Hydrometeorology</i> , 2014, 15, 957-972.	0.7	116
10	Assessing agricultural drought risk and its dynamic evolution characteristics. <i>Agricultural Water Management</i> , 2020, 231, 106003.	2.4	116
11	Integrated index for drought assessment based on variable fuzzy set theory: A case study in the Yellow River basin, China. <i>Journal of Hydrology</i> , 2015, 527, 608-618.	2.3	115
12	Quantitative contribution of climate change and human activities to vegetation cover variations based on GA-SVM model. <i>Journal of Hydrology</i> , 2020, 584, 124687.	2.3	114
13	Linkages between hydrological drought, climate indices and human activities: a case study in the Columbia River basin. <i>International Journal of Climatology</i> , 2016, 36, 280-290.	1.5	108
14	Reconstruction of global gridded monthly sectoral water withdrawals for 1971–2010 and analysis of their spatiotemporal patterns. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 2117-2133.	1.9	106
15	The critical role of the routing scheme in simulating peak river discharge in global hydrological models. <i>Environmental Research Letters</i> , 2017, 12, 075003.	2.2	105
16	Modeling the effects of irrigation on land surface fluxes and states over the conterminous United States: Sensitivity to input data and model parameters. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 9789-9803.	1.2	103
17	Propagation dynamics from meteorological to groundwater drought and their possible influence factors. <i>Journal of Hydrology</i> , 2019, 578, 124102.	2.3	101
18	The response of agricultural drought to meteorological drought and the influencing factors: A case study in the Wei River Basin, China. <i>Agricultural Water Management</i> , 2015, 159, 45-54.	2.4	98

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19	Drought structure based on a nonparametric multivariate standardized drought index across the Yellow River basin, China. <i>Journal of Hydrology</i> , 2015, 530, 127-136.	2.3	95
20	Crop yield response to climate change varies with crop spatial distribution pattern. <i>Scientific Reports</i> , 2017, 7, 1463.	1.6	95
21	Time-lagged response of vegetation dynamics to climatic and teleconnection factors. <i>Catena</i> , 2020, 189, 104474.	2.2	90
22	Spatial-temporal changes of rainfall erosivity in the loess plateau, China: Changing patterns, causes and implications. <i>Catena</i> , 2018, 166, 279-289.	2.2	89
23	Spatio-temporal characteristics of drought structure across China using an integrated drought index. <i>Agricultural Water Management</i> , 2019, 218, 182-192.	2.4	89
24	A modeling study of irrigation effects on global surface water and groundwater resources under a changing climate. <i>Journal of Advances in Modeling Earth Systems</i> , 2015, 7, 1285-1304.	1.3	88
25	Identification of the non-stationarity of extreme precipitation events and correlations with large-scale ocean-atmospheric circulation patterns: A case study in the Wei River Basin, China. <i>Journal of Hydrology</i> , 2017, 548, 184-195.	2.3	85
26	Worldwide evaluation of mean and extreme runoff from six global-scale hydrological models that account for human impacts. <i>Environmental Research Letters</i> , 2018, 13, 065015.	2.2	85
27	Predicting spatial and temporal variability in crop yields: an inter-comparison of machine learning, regression and process-based models. <i>Environmental Research Letters</i> , 2020, 15, 044027.	2.2	79
28	Spatial-temporal dynamics of agricultural drought in the Loess Plateau under a changing environment: Characteristics and potential influencing factors. <i>Agricultural Water Management</i> , 2021, 244, 106540.	2.4	78
29	A nonparametric multivariate standardized drought index for characterizing socioeconomic drought: A case study in the Heihe River Basin. <i>Journal of Hydrology</i> , 2016, 542, 875-883.	2.3	72
30	Significant impacts of irrigation water sources and methods on modeling irrigation effects in the <sc>ACME</sc> and Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 1665-1683.	1.3	70
31	Impacts of future climate change on urban flood volumes in Hohhot in northern China: benefits of climate change mitigation and adaptations. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 305-316.	1.9	69
32	A Case Study on a Combination NDVI Forecasting Model Based on the Entropy Weight Method. <i>Water Resources Management</i> , 2017, 31, 3667-3681.	1.9	68
33	Regional contribution to variability and trends of global gross primary productivity. <i>Environmental Research Letters</i> , 2017, 12, 105005.	2.2	65
34	Spatial-temporal changes in vegetation cover in a typical semi-humid and semi-arid region in China: Changing patterns, causes and implications. <i>Ecological Indicators</i> , 2019, 98, 462-475.	2.6	62
35	Effects of vegetation restoration on groundwater drought in the Loess Plateau, China. <i>Journal of Hydrology</i> , 2020, 591, 125566.	2.3	61
36	A nature-based reservoir optimization model for resolving the conflict in human water demand and riverine ecosystem protection. <i>Journal of Cleaner Production</i> , 2019, 231, 406-418.	4.6	58

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37	NDVI-Based Vegetation Change in Inner Mongolia from 1982 to 2006 and Its Relationship to Climate at the Biome Scale. <i>Advances in Meteorology</i> , 2014, 2014, 1-12.	0.6	56
38	The Role of Climate Covariability on Crop Yields in the Conterminous United States. <i>Scientific Reports</i> , 2016, 6, 33160.	1.6	53
39	Airborne observations reveal elevational gradient in tropical forest isoprene emissions. <i>Nature Communications</i> , 2017, 8, 15541.	5.8	53
40	Soil Moisture Drought Monitoring and Forecasting Using Satellite and Climate Model Data over Southwestern China. <i>Journal of Hydrometeorology</i> , 2017, 18, 5-23.	0.7	51
41	Assessing GRACE-based terrestrial water storage anomalies dynamics at multi-timescales and their correlations with teleconnection factors in Yunnan Province, China. <i>Journal of Hydrology</i> , 2019, 574, 836-850.	2.3	51
42	Assessing the reliability, resilience and vulnerability of water supply system under multiple uncertain sources. <i>Journal of Cleaner Production</i> , 2020, 252, 119806.	4.6	50
43	Bivariate probabilistic quantification of drought impacts on terrestrial vegetation dynamics in mainland China. <i>Journal of Hydrology</i> , 2019, 577, 123980.	2.3	49
44	Assessing socio-economic drought evolution characteristics and their possible meteorological driving force. <i>Geomatics, Natural Hazards and Risk</i> , 2019, 10, 1084-1101.	2.0	49
45	Identifying drought propagation by simultaneously considering linear and nonlinear dependence in the Wei River basin of the Loess Plateau, China. <i>Journal of Hydrology</i> , 2020, 591, 125287.	2.3	46
46	European Hot Summers Associated with a Reduction of Cloudiness. <i>Journal of Climate</i> , 2012, 25, 3637-3644.	1.2	45
47	Emergence of new hydrologic regimes of surface water resources in the conterminous United States under future warming. <i>Environmental Research Letters</i> , 2016, 11, 114003.	2.2	43
48	Identification of the Non-stationarity of Floods: Changing Patterns, Causes, and Implications. <i>Water Resources Management</i> , 2019, 33, 939-953.	1.9	42
49	Understanding each other's models: an introduction and a standard representation of 16 global water models to support intercomparison, improvement, and communication. <i>Geoscientific Model Development</i> , 2021, 14, 3843-3878.	1.3	41
50	Variations in annual water-energy balance and their correlations with vegetation and soil moisture dynamics: A case study in the Wei River Basin, China. <i>Journal of Hydrology</i> , 2017, 546, 515-525.	2.3	40
51	Recent changes in county-level corn yield variability in the United States from observations and crop models. <i>Science of the Total Environment</i> , 2017, 607-608, 683-690.	3.9	39
52	Evaluating the performance of conservation practices under climate change scenarios in the Miyun Reservoir Watershed, China. <i>Ecological Engineering</i> , 2020, 143, 105700.	1.6	39
53	Evapotranspiration simulations in ISIMIP2aâ€”Evaluation of spatio-temporal characteristics with a comprehensive ensemble of independent datasets. <i>Environmental Research Letters</i> , 2018, 13, 075001.	2.2	38
54	Copula-Based Abrupt Variations Detection in the Relationship of Seasonal Vegetation-Climate in the Jing River Basin, China. <i>Remote Sensing</i> , 2019, 11, 1628.	1.8	37

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55	Impacts of climate change on watershed systems and potential adaptation through BMPs in a drinking water source area. <i>Journal of Hydrology</i> , 2019, 573, 123-135.	2.3	37
56	Divergent predictions of carbon storage between two global land models: attribution of the causes through traceability analysis. <i>Earth System Dynamics</i> , 2016, 7, 649-658.	2.7	36
57	GRACE-Based Terrestrial Water Storage in Northwest China: Changes and Causes. <i>Remote Sensing</i> , 2018, 10, 1163.	1.8	36
58	Changes in Cloud Cover, Precipitation, and Summer Temperature in North America from 1982 to 2009. <i>Journal of Climate</i> , 2013, 26, 1733-1744.	1.2	33
59	Regionalization of subsurface stormflow parameters of hydrologic models: Derivation from regional analysis of streamflow recession curves. <i>Journal of Hydrology</i> , 2014, 519, 670-682.	2.3	33
60	Quantifying the Relative Contribution of Climate and Human Impacts on Runoff Change Based on the Budyko Hypothesis and SVM Model. <i>Water Resources Management</i> , 2016, 30, 2377-2390.	1.9	32
61	Comparing the Performance of Three Land Models in Global C Cycle Simulations: A Detailed Structural Analysis. <i>Land Degradation and Development</i> , 2017, 28, 524-533.	1.8	32
62	Dry and wet combination dynamics and their possible driving forces in a changing environment. <i>Journal of Hydrology</i> , 2020, 589, 125211.	2.3	32
63	Vegetation vulnerability and resistance to hydrometeorological stresses in water- and energy-limited watersheds based on a Bayesian framework. <i>Catena</i> , 2021, 196, 104879.	2.2	32
64	A comparative analysis of the impacts of climate change and irrigation on land surface and subsurface hydrology in the North China Plain. <i>Regional Environmental Change</i> , 2015, 15, 251-263.	1.4	31
65	Damped summer warming accompanied with cloud cover increase over Eurasia from 1982 to 2009. <i>Environmental Research Letters</i> , 2012, 7, 014004.	2.2	30
66	Propagation characteristics and mechanism from meteorological to agricultural drought in various seasons. <i>Journal of Hydrology</i> , 2022, 610, 127897.	2.3	30
67	Evidence for a weakening strength of temperature-corn yield relation in the United States during 1980-2010. <i>Science of the Total Environment</i> , 2017, 605-606, 551-558.	3.9	29
68	Modeling the Impacts of Future Climate Change on Irrigation over China: Sensitivity to Adjusted Projections. <i>Journal of Hydrometeorology</i> , 2014, 15, 2085-2103.	0.7	28
69	Predictability of state-level flood damage in the conterminous United States: the role of hazard, exposure and vulnerability. <i>Scientific Reports</i> , 2017, 7, 5354.	1.6	28
70	Keeping global warming within 1.5°C reduces future risk of yield loss in the United States: A probabilistic modeling approach. <i>Science of the Total Environment</i> , 2018, 644, 52-59.	3.9	28
71	Simulating county-level crop yields in the conterminous United States using the Community Land Model: The effects of optimizing irrigation and fertilization. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 1912-1931.	1.3	26
72	Projected changes in mean and interannual variability of surface water over continental China. <i>Science China Earth Sciences</i> , 2015, 58, 739-754.	2.3	25

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73	The asymmetric impact of global warming on US drought types and distributions in a large ensemble of 97 hydro-climatic simulations. <i>Scientific Reports</i> , 2017, 7, 5891.	1.6	25
74	Enhancing SWAT simulation of forest ecosystems for water resource assessment: A case study in the St. Croix River basin. <i>Ecological Engineering</i> , 2018, 120, 422-431.	1.6	25
75	Assessing the effects of climate change and human activities on runoff variations from a seasonal perspective. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020, 34, 575-592.	1.9	25
76	Assessments of joint hydrological extreme risks in a warming climate in China. <i>International Journal of Climatology</i> , 2016, 36, 1632-1642.	1.5	24
77	Various maize yield losses and their dynamics triggered by drought thresholds based on Copula-Bayesian conditional probabilities. <i>Agricultural Water Management</i> , 2022, 261, 107391.	2.4	24
78	Extreme hot summers in China in the CMIP5 climate models. <i>Climatic Change</i> , 2016, 135, 669-681.	1.7	23
79	Spatial-temporal changes of maximum and minimum temperatures in the Wei River Basin, China: Changing patterns, causes and implications. <i>Atmospheric Research</i> , 2018, 204, 1-11.	1.8	23
80	Elucidating the effects of mega reservoir on watershed drought tolerance based on a drought propagation analytical method. <i>Journal of Hydrology</i> , 2021, 598, 125738.	2.3	23
81	Sensitivity of Regulated Flow Regimes to Climate Change in the Western United States. <i>Journal of Hydrometeorology</i> , 2018, 19, 499-515.	0.7	22
82	The Potential Utility of Satellite Soil Moisture Retrievals for Detecting Irrigation Patterns in China. <i>Water (Switzerland)</i> , 2018, 10, 1505.	1.2	22
83	"hydrological emulator for global applications" HE v1.0.0. <i>Geoscientific Model Development</i> , 2018, 11, 1077-1092.	1.3	22
84	Nonlinearity of Runoff Response to Global Mean Temperature Change Over Major Global River Basins. <i>Geophysical Research Letters</i> , 2018, 45, 6109-6116.	1.5	22
85	Can we calculate drought risk and do we need to?. <i>Wiley Interdisciplinary Reviews: Water</i> , 2019, 6, e1349.	2.8	22
86	Defining the robust operating rule for multi-purpose water reservoirs under deep uncertainties. <i>Journal of Hydrology</i> , 2019, 578, 124134.	2.3	22
87	Assessment of drought evolution characteristics based on a nonparametric and trivariate integrated drought index. <i>Journal of Hydrology</i> , 2019, 579, 124230.	2.3	21
88	Spatio-temporal changes in precipitation, temperature and their possibly changing relationship: a case study in the Wei River Basin, China. <i>International Journal of Climatology</i> , 2016, 36, 1160-1169.	1.5	20
89	Propagation dynamics and causes of hydrological drought in response to meteorological drought at seasonal timescales. <i>Hydrology Research</i> , 2022, 53, 193-205.	1.1	20
90	Maize yield loss risk under droughts in observations and crop models in the United States. <i>Environmental Research Letters</i> , 2021, 16, 024016.	2.2	19

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91	Detecting the Dominant Cause of Streamflow Decline in the Loess Plateau of China Based on the Latest Budyko Equation. <i>Water (Switzerland)</i> , 2018, 10, 1277.	1.2	18
92	Climate change will pose challenges to water quality management in the St. Croix River basin. <i>Environmental Pollution</i> , 2019, 251, 302-311.	3.7	18
93	Watershed water-energy balance dynamics and their association with diverse influencing factors at multiple time scales. <i>Science of the Total Environment</i> , 2020, 711, 135189.	3.9	17
94	Altered drought propagation under the influence of reservoir regulation. <i>Journal of Hydrology</i> , 2021, 603, 127049.	2.3	17
95	Assessing the feedback relationship between vegetation and soil moisture over the Loess Plateau, China. <i>Ecological Indicators</i> , 2022, 134, 108493.	2.6	17
96	Assessing the non-stationarity of low flows and their scale-dependent relationships with climate and human forcing. <i>Science of the Total Environment</i> , 2019, 687, 244-256.	3.9	16
97	Global Irrigation Characteristics and Effects Simulated by Fully Coupled Land Surface, River, and Water Management Models in E3SM. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002069.	1.3	16
98	Copula-based non-stationarity detection of the precipitation-temperature dependency structure dynamics and possible driving mechanism. <i>Atmospheric Research</i> , 2021, 249, 105280.	1.8	16
99	Synergistic effect of drought and rainfall events of different patterns on watershed systems. <i>Scientific Reports</i> , 2021, 11, 18957.	1.6	16
100	Copula-based identification of the non-stationarity of the relation between runoff and sediment load. <i>International Journal of Sediment Research</i> , 2017, 32, 221-230.	1.8	15
101	Recent changes in county-level maize production in the United States: Spatial-temporal patterns, climatic drivers and the implications for crop modelling. <i>Science of the Total Environment</i> , 2019, 686, 819-827.	3.9	15
102	Recent Changes in the Occurrences and Damages of Floods and Droughts in the United States. <i>Water (Switzerland)</i> , 2018, 10, 1109.	1.2	14
103	The influence of groundwater representation on hydrological simulation and its assessment using satellite-based water storage variation. <i>Hydrological Processes</i> , 2019, 33, 1218-1230.	1.1	14
104	Uncertainty in Assessing Temperature Impact on U.S. Maize Yield Under Global Warming: The Role of Compounding Precipitation Effect. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 6238-6246.	1.2	14
105	A Hybrid Index for Characterizing Drought Based on a Nonparametric Kernel Estimator. <i>Journal of Applied Meteorology and Climatology</i> , 2016, 55, 1377-1389.	0.6	13
106	Spatial-temporal variation of precipitation concentration and structure in the Wei River Basin, China. <i>Theoretical and Applied Climatology</i> , 2016, 125, 67-77.	1.3	12
107	The asymmetric impact of abundant preceding rainfall on heat stress in low latitudes. <i>Environmental Research Letters</i> , 2019, 14, 044010.	2.2	11
108	Improving the SWAT forest module for enhancing water resource projections: A case study in the St. Croix River basin. <i>Hydrological Processes</i> , 2019, 33, 864-875.	1.1	11

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109	Satellite-Based Operational Real-Time Drought Monitoring in the Transboundary Lancang-Mekong River Basin. <i>Remote Sensing</i> , 2020, 12, 376.	1.8	11
110	Formal institutions' role in managing catastrophic risks in agriculture in Pakistan: Implications for effective risk governance. <i>International Journal of Disaster Risk Reduction</i> , 2021, 65, 102644.	1.8	11
111	A Set of Satellite-Based Near Real-Time Meteorological Drought Monitoring Data over China. <i>Remote Sensing</i> , 2019, 11, 453.	1.8	10
112	Where is the Planetary Boundary for freshwater being exceeded because of livestock farming?. <i>Science of the Total Environment</i> , 2021, 760, 144035.	3.9	10
113	Identifying the paths and contributions of climate impacts on the variation in land surface albedo over the Arctic. <i>Agricultural and Forest Meteorology</i> , 2022, 313, 108772.	1.9	10
114	Simulation and Assessment of Projected Climate Change Impacts on Urban Flood Events: Insights From Flooding Characteristic Metrics. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	10
115	Variations in precipitation and runoff from a multivariate perspective in the Wei River Basin, China. <i>Quaternary International</i> , 2017, 440, 30-39.	0.7	9
116	Spatial-temporal changes in potential evaporation patterns based on the Cloud model and their possible causes. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017, 31, 2147-2158.	1.9	8
117	Environmental Flow Assessment Considering Inter- and Intra-Annual Streamflow Variability under the Context of Non-Stationarity. <i>Water (Switzerland)</i> , 2018, 10, 1737.	1.2	8
118	Possible NPP changes and risky ecosystem region identification in China during the 21st century based on BCC-CSM2. <i>Journal of Chinese Geography</i> , 2020, 30, 1219-1232.	1.5	8
119	Modelling global impacts of climate variability and trend on maize yield during 1980-2010. <i>International Journal of Climatology</i> , 2021, 41, E1583.	1.5	7
120	Bayesian-based time-varying multivariate drought risk and its dynamics in a changing environment. <i>Catena</i> , 2021, 204, 105429.	2.2	7
121	The Role of Hazard and Vulnerability in Modulating Economic Damages of Inland Floods in the United States Using a Survey-Based Dataset. <i>Sustainability</i> , 2019, 11, 3754.	1.6	6
122	Multivariable flood risk and its dynamics considering project reasonable service life in a changing environment. <i>Journal of Hydrology</i> , 2020, 590, 125524.	2.3	6
123	Identifying complex networks and operating scenarios for cascade water reservoirs for mitigating drought and flood impacts. <i>Journal of Hydrology</i> , 2021, 594, 125946.	2.3	6
124	Attribution of the spatial heterogeneity of Arctic surface albedo feedback to the dynamics of vegetation, snow and soil properties and their interactions. <i>Environmental Research Letters</i> , 2022, 17, 014036.	2.2	6
125	Observational constraint of process crop models suggests higher risks for global maize yield under climate change. <i>Environmental Research Letters</i> , 2022, 17, 074023.	2.2	6
126	Identification of the interactions and feedbacks among watershed water-energy balance dynamics, hydro-meteorological factors, and underlying surface characteristics. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 69-81.	1.9	5

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127	Disentangling the separate and confounding effects of temperature and precipitation on global maize yield using machine learning, statistical and process crop models. <i>Environmental Research Letters</i> , 2022, 17, 044036.	2.2	5
128	Multi-model evaluation of catchment- and global-scale hydrological model simulations of drought characteristics across eight large river catchments. <i>Advances in Water Resources</i> , 2022, 165, 104212.	1.7	5
129	Influences of leaf area index and albedo on estimating energy fluxes with HOLAPS framework. <i>Journal of Hydrology</i> , 2020, 580, 124245.	2.3	4
130	On the Dominant Factor Controlling Seasonal Hydrological Forecast Skill in China. <i>Water (Switzerland)</i> , 2017, 9, 902.	1.2	2
131	Recent changes in vulnerability and responses of economic and human systems to major extreme weather hazards in the United States. <i>Geomatics, Natural Hazards and Risk</i> , 2020, 11, 357-376.	2.0	2
132	Varying response of vegetation to sea ice dynamics over the Arctic. <i>Science of the Total Environment</i> , 2021, 799, 149378.	3.9	2
133	Spatiotemporal Changes in Extreme Wet and Dry Conditions and Linkages with Planetary Oscillations. <i>Journal of Coastal Research</i> , 2018, 84, 134-143.	0.1	1
134	Time-scale dependent mechanism of atmospheric CO2 concentration drivers of watershed water-energy balance. <i>Science of the Total Environment</i> , 2021, 754, 142132.	3.9	1
135	Compounding precipitation effect in modulating maize yield response to global warming. <i>International Journal of Climatology</i> , 0, , .	1.5	1
136	Contribution of Hydrological Model Calibration Uncertainty to Future Hydrological Projections over Various Temporal Scales. , 2022, , 420-444.		0
137	A Review of the Effects of Climate Extremes on Agriculture Production. , 2022, , 198-219.		0
138	Impact of Inter-Basin Water Transfer on Water Scarcity in Water-Receiving Area under Global Warming. , 2022, , 240-266.		0
139	Spatial Drought Patterns in East Africa. , 2022, , 47-64.		0
140	Future Water Scarcity over the Yellow River Basin and the Effects of Adaptive Measures. , 2022, , 445-464.		0