Dawen Yang

List of Publications by Citations

153 papers	7,530 citations	50 h-index	83 g-index
155 ext. papers	8,966 ext. citations	4.8 avg, IF	6.3 L-index

#	Paper	IF	Citations
153	Global potential soil erosion with reference to land use and climate changes. *Hydrological Processes* , **2003**, 17, 2913-2928	3.3	416
152	New analytical derivation of the mean annual water-energy balance equation. *Water Resources Research*, **2008**, 44,	5.4	345
151	Spatio-temporal variation of drought in China during 1961–2012: A climatic perspective. *Journal of Hydrology*, **2015**, 526, 253-264	6	285
150	Analyzing spatial and temporal variability of annual water-energy balance in nonhumid regions of China using the Budyko hypothesis. *Water Resources Research*, **2007**, 43,	5.4	247
149	Impact of climate variability and human activity on streamflow decrease in the Miyun Reservoir catchment. *Journal of Hydrology*, **2010**, 389, 317-324	6	219
148	Attribution analysis based on the Budyko hypothesis for detecting the dominant cause of runoff decline in Haihe basin. *Journal of Hydrology*, **2014**, 510, 530-540	6	204
147	Impact of vegetation coverage on regional water balance in the nonhumid regions of China. *Water Resources Research*, **2009**, 45,	5.4	197
146	Analysis of water resources variability in the Yellow River of China during the last half century using historical data. *Water Resources Research*, **2004**, 40,	5.4	173
145	Global assessment of current water resources using total runoff integrating pathways. *Hydrological Sciences Journal*, **2001**, 46, 983-995	3.5	172
144	Derivation of climate elasticity of runoff to assess the effects of climate change on annual runoff. *Water Resources Research*, **2011**, 47,	5.4	160
143	Multi-scale evaluation of high-resolution multi-sensor blended global precipitation products over the Yangtze River. *Journal of Hydrology*, **2013**, 500, 157-169	6	153
142	Interpreting the complementary relationship in non-humid environments based on the Budyko and Penman hypotheses. *Geophysical Research Letters*, **2006**, 33, n/a-n/a	4.9	152
141	Interannual and seasonal variability in evapotranspiration and energy partitioning over an irrigated cropland in the North China Plain. *Agricultural and Forest Meteorology*, **2010**, 150, 581-589	5.8	134
140	Copula based drought frequency analysis considering the spatio-temporal variability in Southwest China. *Journal of Hydrology*, **2015**, 527, 630-640	6	131
139	Hydrological trend analysis in the Yellow River basin using a distributed hydrological model. *Water Resources Research*, **2009**, 45,	5.4	124
138	Hydrological Cycle in the Heihe River Basin and Its Implication for Water Resource Management in Endorheic Basins. *Journal of Geophysical Research D: Atmospheres*, **2018**, 123, 890-914	4.4	120
137	Quantifying the effect of vegetation change on the regional water balance within the Budyko framework. *Geophysical Research Letters*, **2016**, 43, 1140-1148	4.9	118

136	Does evaporation paradox exist in China?. *Hydrology and Earth System Sciences*, **2009**, 13, 357-366	5.5	116
135	A hillslope-based hydrological model using catchment area and width functions. *Hydrological Sciences Journal*, **2002**, 47, 49-65	3.5	109
134	Effect of streamflow forecast uncertainty on real-time reservoir operation. *Advances in Water Resources*, **2011**, 34, 495-504	4.7	108
133	The regional variation in climate elasticity and climate contribution to runoff across China. *Journal of Hydrology*, **2014**, 517, 607-616	6	107
132	Spatial and temporal variation of runoff in the Yangtze River basin during the past 40 years. *Quaternary International*, **2008**, 186, 32-42	2	105
131	The hysteretic evapotranspiration□Vapor pressure deficit relation. *Journal of Geophysical Research G: Biogeosciences*, **2014**, 119, 125-140	3.7	95
130	Impact of the Three Gorges Dam on flow regime in the middle and lower Yangtze River. *Quaternary International*, **2013**, 304, 43-50	2	95
129	Application of a distributed hydrological model and weather radar observations for flood management in the upper Tone River of Japan. *Hydrological Processes*, **2004**, 18, 3119-3132	3.3	95
128	Improved Dynamic Programming for Hydropower Reservoir Operation. *Journal of Water Resources Planning and Management - ASCE*, **2014**, 140, 365-374	2.8	91
127	Development of a distributed biosphere hydrological model and its evaluation with the Southern Great Plains Experiments (SGP97 and SGP99). *Journal of Geophysical Research*, **2009**, 114,		90
126	Detecting the effect of land-use change on streamflow, sediment and nutrient losses by distributed hydrological simulation. *Journal of Hydrology*, **2011**, 409, 172-182	6	87
125	Changes in the eco-flow metrics of the Upper Yangtze River from 1961 to 2008. *Journal of Hydrology*, **2012**, 448-449, 30-38	6	85
124	Multiscale Hydrologic Applications of the Latest Satellite Precipitation Products in the Yangtze River Basin using a Distributed Hydrologic Model. *Journal of Hydrometeorology*, **2015**, 16, 407-426	3.7	81
123	A distributed scheme developed for eco-hydrological modeling in the upper Heihe River. *Science China Earth Sciences*, **2015**, 58, 36-45	4.6	74
122	Excessive Afforestation and Soil Drying on China's Loess Plateau. *Journal of Geophysical Research G: Biogeosciences*, **2018**, 123, 923-935	3.7	73
121	Hydrological data assimilation with the Ensemble Square-Root-Filter: Use of streamflow observations to update model states for real-time flash flood forecasting. *Advances in Water Resources*, **2013**, 59, 209-220	4.7	69
120	Identifying effective forecast horizon for real-time reservoir operation under a limited inflow forecast. *Water Resources Research*, **2012**, 48,	5.4	68
119	Change in frozen soils and its effect on regional hydrology, upper Heihe basin, northeastern Qinghai□Tibetan Plateau. *Cryosphere*, **2018**, 12, 657-673	5.5	68

118	Modelling Hydrologic Processes in the Mekong River Basin Using a Distributed Model Driven by Satellite Precipitation and Rain Gauge Observations. *PLoS ONE*, **2016**, 11, e0152229	3.7	63
117	Comparison of different distributed hydrological models for characterization of catchment spatial variability. *Hydrological Processes*, **2000**, 14, 403-416	3.3	62
116	An error analysis of the Budyko hypothesis for assessing the contribution of climate change to runoff. *Water Resources Research*, **2014**, 50, 9620-9629	5.4	61
115	Estimating epistemic and aleatory uncertainties during hydrologic modeling: An information theoretic approach. *Water Resources Research*, **2013**, 49, 2253-2273	5.4	61
114	Impacts of climate warming on the frozen ground and eco-hydrology in the Yellow River source region, China. *Science of the Total Environment*, **2017**, 605-606, 830-841	10.2	61
113	Assessing the impacts of climate variability and human activities on annual runoff in the Luan River basin, China **2013**, 44, 940-952		61
112	Alpine vegetation phenology dynamic over 16years and its covariation with climate in a semi-arid region of China. *Science of the Total Environment*, **2016**, 572, 119-128	10.2	58
111	An Analytical Solution for the Impact of Vegetation Changes on Hydrological Partitioning Within the Budyko Framework. *Water Resources Research*, **2018**, 54, 519-537	5.4	56
110	Establishing a rainfall threshold for flash flood warnings in China's mountainous areas based on a distributed hydrological model. *Journal of Hydrology*, **2016**, 541, 371-386	6	55
109	Long-term change in the depth of seasonally frozen ground and its ecohydrological impacts in the Qilian Mountains, northeastern Tibetan Plateau. *Journal of Hydrology*, **2016**, 542, 204-221	6	53
108	Comparative analysis of drought based on precipitation and soil moisture indices in Haihe basin of North China during the period of 1960–2010. *Journal of Hydrology*, **2015**, 526, 55-67	6	52
107	Improving the hydrology of the Simple Biosphere Model 2 and its evaluation within the framework of a distributed hydrological model. *Hydrological Sciences Journal*, **2009**, 54, 989-1006	3.5	52
106	Impacts of climate change and vegetation dynamics on runoff in the mountainous region of the Haihe River basin in the past five decades. *Journal of Hydrology*, **2014**, 511, 786-799	6	51
105	Quantifying the streamflow response to frozen ground degradation in the source region of the Yellow River within the Budyko framework. *Journal of Hydrology*, **2018**, 558, 301-313	6	50
104	Optimal Hedging Rules for Reservoir Flood Operation from Forecast Uncertainties. *Journal of Water Resources Planning and Management - ASCE*, **2014**, 140, 04014041	2.8	50
103	Permafrost thawing puts the frozen carbon at risk over the Tibetan Plateau. *Science Advances*, **2020**, 6, eaaz3513	14.3	49
102	Understanding the hydrological trends of river basins in China. *Journal of Hydrology*, **2010**, 388, 350-356	6	47
101	DEVELOPMENT OF A GEOMORPHOLOGY-BASED HYDROLOGICAL MODEL FOR LARGE CATCHMENTS. *Proceedings of Hydraulic Engineering*, **1998**, 42, 169-174		46

100	Multi-scale evaluation of six high-resolution satellite monthly rainfall estimates over a humid region in China with dense rain gauges. *International Journal of Remote Sensing*, **2014**, 35, 1272-1294	3.1	45
99	Accuracy and spatio-temporal variation of high resolution satellite rainfall estimate over the Ganjiang River Basin. *Science China Technological Sciences*, **2013**, 56, 853-865	3.5	43
98	The hysteresis response of soil CO2 concentration and soil respiration to soil temperature. *Journal of Geophysical Research G: Biogeosciences*, **2015**, 120, 1605-1618	3.7	43
97	Impact of vegetation dynamics on hydrological processes in a semi-arid basin by using a land surface-hydrology coupled model. *Journal of Hydrology*, **2017**, 551, 116-131	6	42
96	Real-time reservoir operation using recurrent neural networks and inflow forecast from a distributed hydrological model. *Journal of Hydrology*, **2019**, 579, 124229	6	42
95	Estimating information entropy for hydrological data: One-dimensional case. *Water Resources Research*, **2014**, 50, 5003-5018	5.4	41
94	Modeling Ecohydrological Processes and Spatial Patterns in the Upper Heihe Basin in China. *Forests*, **2016**, 7, 10	2.8	40
93	Sensitivity of global terrestrial gross primary production to hydrologic states simulated by the Community Land Model using two runoff parameterizations. *Journal of Advances in Modeling Earth Systems*, **2014**, 6, 658-679	7.1	39
92	A complementary relationship evaporation model referring to the Granger model and the advection□aridity model. *Hydrological Processes*, **2011**, 25, 2094-2101	3.3	38
91	Quantifying the impacts of small dam construction on hydrological alterations in the Jiulong River basin of Southeast China. *Journal of Hydrology*, **2018**, 567, 382-392	6	38
90	Spatial resolution sensitivity of catchment geomorphologic properties and the effect on hydrological simulation. *Hydrological Processes*, **2001**, 15, 2085-2099	3.3	37
89	Calibration of a distributed flood forecasting model with input uncertainty using a Bayesian framework. *Water Resources Research*, **2012**, 48,	5.4	35
88	The assessment of surface water resources for the semi-arid Yongding River Basin from 1956 to 2000 and the impact of land use change. *Hydrological Processes*, **2010**, 24, 1123-1132	3.3	35
87	A continental scale hydrological model using the distributed approach and its application to Asia. *Hydrological Processes*, **2003**, 17, 2855-2869	3.3	35
86	Influences of Frozen Ground and Climate Change on Hydrological Processes in an Alpine Watershed: A Case Study in the Upstream Area of the Hei'he River, Northwest China. *Permafrost and Periglacial Processes*, **2017**, 28, 420-432	4.2	34
85	Irrigation impact on annual water balance of the oases in Tarim Basin, Northwest China. *Hydrological Processes*, **2011**, 25, 167-174	3.3	31
84	A physical process and machine learning combined hydrological model for daily streamflow simulations of large watersheds with limited observation data. *Journal of Hydrology*, **2020**, 590, 125206	6	30
83	Water Resources Allocation Considering the Water Use Flexible Limit to Water Shortage□A Case Study in the Yellow River Basin of China. *Water Resources Management*, **2009**, 23, 869-880	3.7	30

82	Evaluation of MODIS surface reflectance products for wheat leaf area index (LAI) retrieval. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2008**, 63, 661-677	11.8	30
81	Spatial variability of the trends in climatic variables across China during 19612010. *Theoretical and Applied Climatology*, **2015**, 120, 773-783	3	27
80	Estimation of evapotranspiration using a remote sensing model over agricultural land in the North China Plain. *International Journal of Remote Sensing*, **2010**, 31, 3783-3798	3.1	26
79	Assessing the Steady-State Assumption in Water Balance Calculation Across Global Catchments. *Water Resources Research*, **2020**, 56, e2020WR027392	5.4	25
78	Frozen ground degradation may reduce future runoff in the headwaters of an inland river on the northeastern Tibetan Plateau. *Journal of Hydrology*, **2018**, 564, 1153-1164	6	25
77	Seasonal variability of the complementary relationship in the Asian monsoon region. *Hydrological Processes*, **2013**, 27, 2736-2741	3.3	24
76	Optimal Dam Operation during Flood Season Using a Distributed Hydrological Model and a Heuristic Algorithm. *Journal of Hydrologic Engineering - ASCE*, **2010**, 15, 580-586	1.8	24
75	Tracing Snowmelt Paths in an Integrated Hydrological Model for Understanding Seasonal Snowmelt Contribution at Basin Scale. *Journal of Geophysical Research D: Atmospheres*, **2019**, 124, 8874-8895	4.4	23
74	Simulated impacts of irrigation on evapotranspiration in a strongly exploited region: a case study of the Haihe River basin, China. *Hydrological Processes*, **2015**, 29, 2704-2719	3.3	23
73	Characterizing Spatiotemporal Variations of Hourly Rainfall by Gauge and Radar in the Mountainous Three Gorges Region. *Journal of Applied Meteorology and Climatology*, **2014**, 53, 873-889	2.7	23
72	Retrieving crop physiological parameters and assessing water deficiency using MODIS data during the winter wheat growing period. *Canadian Journal of Remote Sensing*, **2007**, 33, 189-202	1.8	23
71	Data-driven mapping of the spatial distribution and potential changes of frozen ground over the Tibetan Plateau. *Science of the Total Environment*, **2019**, 649, 515-525	10.2	23
70	Attribution of runoff change in the alpine basin: a case study of the Heihe Upstream Basin, China. *Hydrological Sciences Journal*, **2017**, 62, 1013-1028	3.5	21
69	Historical and future changes of frozen ground in the upper Yellow River Basin. *Global and Planetary Change*, **2018**, 162, 199-211	4.2	21
68	Influences of Topographic Shadows on the Thermal and Hydrological Processes in a Cold Region Mountainous Watershed in Northwest China. *Journal of Advances in Modeling Earth Systems*, **2018**, 10, 1439-1457	7.1	21
67	Spatial Interpolation of Daily Precipitation in a High Mountainous Watershed Based on Gauge Observations and a Regional Climate Model Simulation. *Journal of Hydrometeorology*, **2017**, 18, 845-862	3.7	20
66	Dominant climatic factors driving annual runoff changes at the catchment scale across China. *Hydrology and Earth System Sciences*, **2016**, 20, 2573-2587	5.5	20
65	Understanding hydrological trends by combining the Budyko hypothesis and a stochastic soil moisture model. *Hydrological Sciences Journal*, **2015**, 60, 145-155	3.5	19

64	Comparing Palmer Drought Severity Index drought assessments using the traditional offline approach with direct climate model outputs. *Hydrology and Earth System Sciences*, **2020**, 24, 2921-2930	5.5	19
63	Remote sensing spatiotemporal patterns of frozen soil and the environmental controls over the Tibetan Plateau during 2002–2016. *Remote Sensing of Environment*, **2020**, 247, 111927	13.2	18
62	Runoff Simulation by SWAT Model Using High-Resolution Gridded Precipitation in the Upper Heihe River Basin, Northeastern Tibetan Plateau. *Water (Switzerland)*, **2017**, 9, 866	3	18
61	Biological factors dominate the interannual variability of evapotranspiration in an irrigated cropland in the North China Plain. *Agricultural and Forest Meteorology*, **2018**, 250-251, 262-276	5.8	16
60	Improving the Regional Applicability of Satellite Precipitation Products by Ensemble Algorithm. *Remote Sensing*, **2018**, 10, 577	5	16
59	Evaluation of the Runoff and River Routing Schemes in the Community Land Model of the Yellow River Basin. *Journal of Advances in Modeling Earth Systems*, **2017**, 9, 2993-3018	7.1	16
58	Differences in changes of potential evaporation in the mountainous and oasis regions of the Tarim basin, northwest China. *Science in China Series D: Earth Sciences*, **2009**, 52, 1981-1989		16
57	Flood simulation using different sources of rainfall in the Huong River, Vietnam / Simulation d'inondation à l'aide de différentes sources d'information pluviométrique dans le bassin de la Rivière Huong, Vietnam. *Hydrological Sciences Journal*, **2009**, 54, 909-917	3.5	16
56	Hydrological cycle and water resources in a changing world: A review. *Geography and Sustainability*, **2021**, 2, 115-122	7.3	16
55	Evaluating flood regulation ecosystem services under climate, vegetation and reservoir influences. *Ecological Indicators*, **2019**, 107, 105642	5.8	15
54	Spatiotemporal variation in nitrogen loads and their impacts on river water quality in the upper Yangtze River basin. *Journal of Hydrology*, **2020**, 590, 125487	6	15
53	Historical and future trends in wetting and drying in 291 catchments across China. *Hydrology and Earth System Sciences*, **2017**, 21, 2233-2248	5.5	14
52	Quantifying the impact of vegetation changes on global terrestrial runoff using the Budyko framework. *Journal of Hydrology*, **2020**, 590, 125389	6	14
51	Satellite-based simulation of soil freezing/thawing processes in the northeast Tibetan Plateau. *Remote Sensing of Environment*, **2019**, 231, 111269	13.2	13
50	Estimating Seasonally Frozen Ground Depth From Historical Climate Data and Site Measurements Using a Bayesian Model. *Water Resources Research*, **2018**, 54, 4361-4375	5.4	13
49	Application of Distributed Hydrological Model in the Asian Monsoon Tropic Region with a Perspective of Coupling with Atmospheric Models.. *Journal of the Meteorological Society of Japan*, **2001**, 79, 373-385	2.8	13
48	Simulation of evapotranspiration and carbon dioxide flux in the wheat-maize rotation croplands of the North China Plain using the Simple Biosphere Model. *Hydrological Processes*, **2011**, 25, 3107-3120	3.3	12
47	Streamflow stationarity in a changing world. *Environmental Research Letters*, **2021**, 16, 064096	6.2	12

46	Novel hybrid coupling of ecohydrology and socioeconomy at river basin scale: A watershed system model for the Heihe River basin. *Environmental Modelling and Software*, **2021**, 141, 105058	5.2	12
45	Reconciling the Attribution of Changes in Streamflow Extremes From a Hydroclimate Perspective. *Water Resources Research*, **2018**, 54, 3886-3895	5.4	12
44	Hydrological change driven by human activities and climate variation and its spatial variability in Huaihe Basin, China. *Hydrological Sciences Journal*, **2016**, 61, 1370-1382	3.5	11
43	Evaluating the Representation of Vegetation Phenology in the Community Land Model 4.5 in a Temperate Grassland. *Journal of Geophysical Research G: Biogeosciences*, **2019**, 124, 187-210	3.7	11
42	Decadal variation in CO₂ fluxes and its budget in a wheat and maize rotation cropland over the North China Plain. *Biogeosciences*, **2020**, 17, 2245-2262	4.6	11
41	Spatiotemporal variations in frozen ground and their impacts on hydrological components in the source region of the Yangtze River. *Journal of Hydrology*, **2020**, 590, 125237	6	10
40	Spatio-temporal variation of net anthropogenic nitrogen inputs in the upper Yangtze River basin from 1990 to 2012. *Science China Earth Sciences*, **2016**, 59, 2189-2201	4.6	10
39	Long-term variability of the carbon balance in a large irrigated area along the lower Yellow River from 1984 to 2006. *Science China Earth Sciences*, **2013**, 56, 671-683	4.6	10
38	Variability of complementary relationship and its mechanism on different time scales. *Science in China Series D: Earth Sciences*, **2009**, 52, 1059-1067		10
37	Does evaporation paradox exist in China?		9
36	Runoff Simulation in the Upper Reaches of Heihe River Basin Based on the RIEMS-SWAT Model. *Water (Switzerland)*, **2016**, 8, 455	3	9
35	Inconsistency in Chinese solar radiation data caused by instrument replacement: Quantification based on pan evaporation observations. *Journal of Geophysical Research D: Atmospheres*, **2015**, 120, 3191-3198	4.4	8
34	Modeling the crop transpiration using an optimality-based approach. *Science in China Series D: Earth Sciences*, **2008**, 51, 60-75		8
33	Analyzing the Regional Soil-Vegetation-Atmosphere Interaction Using Both the Eagleson and Budyko's Water Balance Models. *Procedia Environmental Sciences*, **2011**, 10, 1908-1913		6
32	Estimation of design discharge for an ungauged overflow-receiving watershed using one-dimensional hydrodynamic model. *International Journal of River Basin Management*, **2010**, 8, 79-92	1.7	6
31	Bayesian Assimilation of Multiscale Precipitation Data and Sparse Ground Gauge Observations in Mountainous Areas. *Journal of Hydrometeorology*, **2019**, 20, 1473-1494	3.7	5
30	Analysis of catchment evapotranspiration at different scales using bottom-up and top-down approaches. *Frontiers of Architecture and Civil Engineering in China*, **2010**, 4, 65-77		5
29	Spatial and temporal variability of nitrogen load from catchment and retention along a river network: a case study in the upper Xin'anjiang catchment of China **2016**, 47, 869-887		5

28	Implementation and application of a distributed hydrological model using a component-based approach. *Environmental Modelling and Software*, **2016**, 80, 245-258	5.2	5
27	Comparison modeling for alpine vegetation distribution in an arid area. *Environmental Monitoring and Assessment*, **2016**, 188, 408	3.1	4
26	Attribution of the vegetation trends in a typical desertified watershed of northeast China over the past three decades. *Ecohydrology*, **2016**, 9, 1566-1579	2.5	4
25	Streamflow decline threatens water security in the upper Yangtze river. *Journal of Hydrology*, **2022**, 606, 127448	6	4
24	Irrigation schedule analysis and optimization under the different combination of P and ET0 using a spatially distributed crop model. *Agricultural Water Management*, **2021**, 256, 107084	5.9	4
23	A Combination Model for Quantifying Non-Point Source Pollution Based on Land Use Type in a Typical Urbanized Area. *Water (Switzerland)*, **2020**, 12, 729	3	3
22	Harmonious level indexing for ascertaining human□water relationships. *Environmental Earth Sciences*, **2018**, 77, 1	2.9	3
21	An operational method to estimate evapotranspiration using MODIS data during winter wheat growing season. *International Journal of Remote Sensing*, **2011**, 32, 4915-4932	3.1	3
20	APPLICATION OF A DISTRIBUTED HYDROLOGICAL MODEL COUPLED WITH DAM OPERATION FOR FLOOD CONTROL PURPOSES. *Proceedings of Hydraulic Engineering*, **2006**, 50, 61-66		3
19	Vegetation Response to Elevated CO2 Slows Down the Eastward Movement of the 100th Meridian. *Geophysical Research Letters*, **2020**, 47, e2020GL089681	4.9	3
18	Multidimensional assessment of global dryland changes under future warming in climate projections. *Journal of Hydrology*, **2021**, 592, 125618	6	3
17	Development of a Physically Based Soil Albedo Parameterization for the Tibetan Plateau. *Vadose Zone Journal*, **2018**, 17, 170102	2.7	3
16	An Improved Conceptual Model Quantifying the Effect of Climate Change and Anthropogenic Activities on Vegetation Change in Arid Regions. *Remote Sensing*, **2019**, 11, 2110	5	2
15	Comparison of Floods Driven by Tropical Cyclones and Monsoons in the Southeastern Coastal Region of China. *Journal of Hydrometeorology*, **2020**, 21, 1589-1603	3.7	2
14	Runoff and sediment response to deforestation in a large Southeast Asian monsoon watershed. *Journal of Hydrology*, **2022**, 606, 127432	6	1
13	Spatiotemporal Characteristics of Droughts and Their Propagation during the Past 67 Years in Northern Thailand. *Atmosphere*, **2022**, 13, 277	2.7	1
12	Low and contrasting impacts of vegetation CO₂ fertilization on global terrestrial runoff over 1982□2010: accounting for aboveground and belowground vegetation□CO₂ effects. *Hydrology and Earth System Sciences*, **2021**, 25, 3411-3427	5.5	1
11	Revisiting the Pan Evaporation Trend in China From 1988-2017		1

10	Compounding Effects of Fluvial Flooding and Storm Tides on Coastal Flooding Risk in the Coastal-Estuarine Region of Southeastern China. *Atmosphere*, **2022**, 13, 238	2.7	0
9	Spatial-temporal variations of reference evapotranspiration and its driving factors in cold regions, northeast China.. *Environmental Science and Pollution Research*, **2022**, 1	5.1	0
8	Future Changes in High and Low Flows under the Impacts of Climate and Land Use Changes in the Jiulong River Basin of Southeast China. *Atmosphere*, **2022**, 13, 150	2.7	0
7	Linkage between anomalies of pre-summer thawing of frozen soil over the Tibetan Plateau and summer precipitation in East Asia. *Environmental Research Letters*, **2021**, 16, 114030	6.2	0
6	Ecohydrology. *Springer Geography*, **2017**, 407-417	0.4	0
5	Long-term leaf C:N ratio change under elevated CO and nitrogen deposition in China: Evidence from observations and process-based modeling. *Science of the Total Environment*, **2021**, 800, 149591	10.2	0
4	Terrestrial Water Cycle and Water Resources. *Springer Geography*, **2017**, 233-246	0.4	
3	Multiscale Evaluation and Applications of Current Global Satellite Based Precipitation Products over the Yangtze River Basin **2016**, 193-214		
2	ANALYSIS ON THE RELATIONSHIP BETWEEN VEGETATION COVERAGE AND SOIL MOISTURE IN THE LOESS PLATEAU REGION OF CHINA **2010**, 165-178		
1	HYDROLOGICAL MODEL COMPARISON AND COMBINATION FOR FLOOD FORECAST IN THE THREE GORGES REGION, CHINA **2010**, 203-216		