

Chong-Yu Xu

List of Publications by Year in descending order

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Version: 2024-02-01

435
papers

20,236
citations

13099

68
h-index

20358

116
g-index

441
all docs

441
docs citations

441
times ranked

11871
citing authors

#	ARTICLE	IF	CITATIONS
1	A framework for determining lowest navigable water levels with nonstationary characteristics. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 583-608.	4.0	0
2	Droughts across China: Drought factors, prediction and impacts. <i>Science of the Total Environment</i> , 2022, 803, 150018.	8.0	27
3	Short-term flood probability density forecasting using a conceptual hydrological model with machine learning techniques. <i>Journal of Hydrology</i> , 2022, 604, 127255.	5.4	39
4	Understanding the impacts induced by cut-off thresholds and likelihood measures on confidence interval when applying GLUE approach. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 1215-1241.	4.0	0
5	Regionalization of catchment hydrological model parameters for global water resources simulations. <i>Hydrology Research</i> , 2022, 53, 441-466.	2.7	10
6	The Development of a Nonstationary Standardised Streamflow Index Using Climate and Reservoir Indices as Covariates. <i>Water Resources Management</i> , 2022, 36, 1377-1392.	3.9	15
7	Joint Effects of the DEM Resolution and the Computational Cell Size on the Routing Methods in Hydrological Modelling. <i>Water (Switzerland)</i> , 2022, 14, 797.	2.7	4
8	Postprocessing Ensemble Weather Forecasts for Introducing Multisite and Multivariable Correlations Using Rank Shuffle and Copula Theory. <i>Monthly Weather Review</i> , 2022, 150, 551-565.	1.4	2
9	Drying in the low-latitude Atlantic Ocean contributed to terrestrial water storage depletion across Eurasia. <i>Nature Communications</i> , 2022, 13, 1849.	12.8	26
10	Probabilistic interval estimation of design floods under non-stationary conditions by an integrated approach. <i>Hydrology Research</i> , 2022, 53, 259-278.	2.7	9
11	Improved Understanding of How Catchment Properties Control Hydrological Partitioning Through Machine Learning. <i>Water Resources Research</i> , 2022, 58, .	4.2	22
12	Long-range precipitation forecast based on multipole and preceding fluctuations of sea surface temperature. <i>International Journal of Climatology</i> , 2022, 42, 8024-8039.	3.5	46
13	Amplifying Flood Risk Across the Lower Yellow River Basin, China, Under Shared Socioeconomic Pathways. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	5
14	Regional asymmetry in the response of global vegetation growth to springtime compound climate events. <i>Communications Earth & Environment</i> , 2022, 3, .	6.8	19
15	A new joint optimization method for design and operation of multi-reservoir system considering the conditional value-at-risk. <i>Journal of Hydrology</i> , 2022, 610, 127946.	5.4	4
16	Global soil moisture drought identification and responses to natural and anthropogenic forcings. <i>Journal of Hydrology</i> , 2022, 610, 127993.	5.4	7
17	Modified drought severity index: Model improvement and its application in drought monitoring in China. <i>Journal of Hydrology</i> , 2022, 612, 128097.	5.4	24
18	Evaluation and Hydrological Application of Four Gridded Precipitation Datasets over a Large Southeastern Tibetan Plateau Basin. <i>Remote Sensing</i> , 2022, 14, 2936.	4.0	7

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19	Utility of integrated IMERG precipitation and GLEAM potential evapotranspiration products for drought monitoring over mainland China. <i>Atmospheric Research</i> , 2021, 247, 105141.	4.1	64
20	A revised range of variability approach considering the morphological alteration of hydrological indicators. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 1783-1803.	4.0	12
21	Evaluation of climate model simulations in representing the precipitation non-stationarity by considering observational uncertainties. <i>International Journal of Climatology</i> , 2021, 41, 1952-1969.	3.5	8
22	Blending multi-satellite, atmospheric reanalysis and gauge precipitation products to facilitate hydrological modelling. <i>Journal of Hydrology</i> , 2021, 593, 125878.	5.4	72
23	Impacts and socioeconomic exposures of global extreme precipitation events in 1.5 and 2.0°C warmer climates. <i>Science of the Total Environment</i> , 2021, 766, 142665.	8.0	49
24	Extreme Precipitation Changes in Europe from the Last Millennium to the End of the Twenty-First Century. <i>Journal of Climate</i> , 2021, 34, 567-588.	3.2	20
25	Does the Hook Structure Constrain Future Flood Intensification Under Anthropogenic Climate Warming?. <i>Water Resources Research</i> , 2021, 57, e2020WR028491.	4.2	78
26	A time-varying parameter estimation approach using split-sample calibration based on dynamic programming. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 711-733.	4.9	17
27	Updating ^{intensity}duration^{frequency} curves for urban infrastructure design under a changing environment. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1519.	6.5	25
28	The scenario-based variations and causes of future surface soil moisture across China in the twenty-first century. <i>Environmental Research Letters</i> , 2021, 16, 034061.	5.2	10
29	Impacts of Water Resources Allocation on Water Environmental Capacity under Climate Change. <i>Water (Switzerland)</i> , 2021, 13, 1187.	2.7	11
30	Optimized Hierarchical Structure and Chemical Gradients Promote the Biomechanical Functions of the Spike of Mantis Shrimps. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 17380-17391.	8.0	8
31	Investigation of inner-basin variation: Impact of large reservoirs on water regimes of downstream water bodies. <i>Hydrological Processes</i> , 2021, 35, e14241.	2.6	9
32	Multi-scale design of the chela of the hermit crab <i>Coenobita brevipanus</i> . <i>Acta Biomaterialia</i> , 2021, 127, 229-241.	8.3	5
33	Issues influencing accuracy of hydrological modeling in a changing environment. <i>Water Science and Engineering</i> , 2021, 14, 167-170.	3.2	20
34	Design flood estimation with varying record lengths in Norway under stationarity and nonstationarity scenarios. <i>Hydrology Research</i> , 2021, 52, 1596-1614.	2.7	9
35	Hydrological Modeling in Water Cycle Processes. <i>Water (Switzerland)</i> , 2021, 13, 1882.	2.7	0
36	Detecting and attributing drought-induced changes in catchment hydrological behaviours in a southeastern Australia catchment using a data assimilation method. <i>Hydrological Processes</i> , 2021, 35, e14289.	2.6	3

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37	Finding the Optimal Multimodel Averaging Method for Global Hydrological Simulations. <i>Remote Sensing</i> , 2021, 13, 2574.	4.0	6
38	An integrated framework of input determination for ensemble forecasts of monthly estuarine saltwater intrusion. <i>Journal of Hydrology</i> , 2021, 598, 126225.	5.4	11
39	Resilience analysis of the nexus across water supply, power generation and environmental systems from a stochastic perspective. <i>Journal of Environmental Management</i> , 2021, 289, 112513.	7.8	6
40	Robust Meteorological Drought Prediction Using Antecedent SST Fluctuations and Machine Learning. <i>Water Resources Research</i> , 2021, 57, e2020WR029413.	4.2	39
41	The Dependence of Ecosystem Water Use Partitioning on Vegetation Productivity at the Inter-Annual Time Scale. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033756.	3.3	1
42	A River Network-Based Hierarchical Model for Deriving Flood Frequency Distributions and Its Application to the Upper Yangtze Basin. <i>Water Resources Research</i> , 2021, 57, e2020WR029374.	4.2	11
43	An Analytical Baseflow Coefficient Curve for Depicting the Spatial Variability of Mean Annual Catchment Baseflow. <i>Water Resources Research</i> , 2021, 57, e2020WR029529.	4.2	13
44	Development of a comprehensive framework for quantifying the impacts of climate change and human activities on river hydrological health variation. <i>Journal of Hydrology</i> , 2021, 600, 126566.	5.4	31
45	Accuracy assessment and error cause analysis of GPM (V06) in Xiangjiang river catchment. <i>Hydrology Research</i> , 2021, 52, 1048-1065.	2.7	7
46	Bridging the scale gap: obtaining high-resolution stochastic simulations of gridded daily precipitation in a future climate. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 5259-5275.	4.9	1
47	Impact of the number of donor catchments and the efficiency threshold on regionalization performance of hydrological models. <i>Journal of Hydrology</i> , 2021, 601, 126680.	5.4	14
48	A spatiotemporal estimation method for hourly rainfall based on F-SVD in the recommender system. <i>Environmental Modelling and Software</i> , 2021, 144, 105148.	4.5	8
49	Separating the effects of climate change and human activities on drought propagation via a natural and human-impacted catchment comparison method. <i>Journal of Hydrology</i> , 2021, 603, 126913.	5.4	38
50	Physics-guided deep learning for rainfall-runoff modeling by considering extreme events and monotonic relationships. <i>Journal of Hydrology</i> , 2021, 603, 127043.	5.4	49
51	Performance dependence of multi-model combination methods on hydrological model calibration strategy and ensemble size. <i>Journal of Hydrology</i> , 2021, 603, 127065.	5.4	19
52	Stimulate hydropower output of mega cascade reservoirs using an improved Kidney Algorithm. <i>Journal of Cleaner Production</i> , 2020, 244, 118613.	9.3	7
53	Seasonal rainfall forecasting for the Yangtze River basin using statistical and dynamical models. <i>International Journal of Climatology</i> , 2020, 40, 361-377.	3.5	13
54	Impacts of climate change and LULC change on runoff in the Jinsha River Basin. <i>Journal of Chinese Geography</i> , 2020, 30, 85-102.	3.9	44

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55	Quantitative assessment of adaptive measures on optimal water resources allocation by using reliability, resilience, vulnerability indicators. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020, 34, 103-119.	4.0	15
56	Dependence of regionalization methods on the complexity of hydrological models in multiple climatic regions. <i>Journal of Hydrology</i> , 2020, 582, 124357.	5.4	53
57	Response of melt water and rainfall runoff to climate change and their roles in controlling streamflow changes of the two upstream basins over the Tibetan Plateau. <i>Hydrology Research</i> , 2020, 51, 272-289.	2.7	17
58	Integrating hybrid runoff generation mechanism into variable infiltration capacity model to facilitate hydrological simulations. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020, 34, 2139-2157.	4.0	8
59	The exploration of a Temporal Convolutional Network combined with Encoder-Decoder framework for runoff forecasting. <i>Hydrology Research</i> , 2020, 51, 1136-1149.	2.7	23
60	A Framework to Quantify the Uncertainty Contribution of GCMs Over Multiple Sources in Hydrological Impacts of Climate Change. <i>Earth's Future</i> , 2020, 8, e2020EF001602.	6.3	56
61	Temporal and spatial transferabilities of hydrological models under different climates and underlying surface conditions. <i>Journal of Hydrology</i> , 2020, 591, 125276.	5.4	23
62	Attribution Analysis on Regional Differentiation of Water Resources Variation in the Yangtze River Basin under the Context of Global Warming. <i>Water (Switzerland)</i> , 2020, 12, 1809.	2.7	4
63	Variation of Melt Water and Rainfall Runoff and Their Impacts on Streamflow Changes during Recent Decades in Two Tibetan Plateau Basins. <i>Water (Switzerland)</i> , 2020, 12, 3112.	2.7	21
64	Comprehensive analysis on the evolution characteristics and causes of river runoff and sediment load in a mountainous basin of China's subtropical plateau. <i>Journal of Hydrology</i> , 2020, 591, 125597.	5.4	15
65	The response of runoff components and glacier mass balance to climate change for a glaciated high-mountainous catchment in the Tianshan Mountains. <i>Natural Hazards</i> , 2020, 104, 1239-1258.	3.4	11
66	An approach for identification and quantification of hydrological drought termination characteristics of natural and human-influenced series. <i>Journal of Hydrology</i> , 2020, 590, 125384.	5.4	35
67	Separating runoff change by the improved Budyko complementary relationship considering effects of both climate change and human activities on basin characteristics. <i>Journal of Hydrology</i> , 2020, 591, 125330.	5.4	20
68	Spatio-temporal variations of vegetation carbon use efficiency and potential driving meteorological factors in the Yangtze River Basin. <i>Journal of Mountain Science</i> , 2020, 17, 1959-1973.	2.0	12
69	An Integrated Modelling Approach for Flood Simulation in the Urbanized Qinhuai River Basin, China. <i>Water Resources Management</i> , 2020, 34, 3967-3984.	3.9	1
70	Nonstationary Frequency Analysis of Censored Data: A Case Study of the Floods in the Yangtze River From 1470 to 2017. <i>Water Resources Research</i> , 2020, 56, e2020WR027112.	4.2	24
71	Controls of Climate and Land-Use Change on Terrestrial Net Primary Productivity Variation in a Subtropical Humid Basin. <i>Remote Sensing</i> , 2020, 12, 3525.	4.0	15
72	Evaluation of baseflow modelling structure in monthly water balance models using 443 Australian catchments. <i>Journal of Hydrology</i> , 2020, 591, 125572.	5.4	16

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73	Comparison of spatial interpolation methods for the estimation of precipitation patterns at different time scales to improve the accuracy of discharge simulations. <i>Hydrology Research</i> , 2020, 51, 583-601.	2.7	19
74	A Statistical Vertically Mixed Runoff Model for Regions Featured by Complex Runoff Generation Process. <i>Water (Switzerland)</i> , 2020, 12, 2324.	2.7	4
75	A Climatic Perspective on the Impacts of Global Warming on Water Cycle of Cold Mountainous Catchments in the Tibetan Plateau: A Case Study in Yarlung Zangbo River Basin. <i>Water (Switzerland)</i> , 2020, 12, 2338.	2.7	9
76	Multivariate framework for the assessment of key forcing to Lake Malawi level variations in non-stationary frequency analysis. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 593.	2.7	5
77	An improved routing algorithm for a large-scale distributed hydrological model with consideration of underlying surface impact. <i>Hydrology Research</i> , 2020, 51, 834-853.	2.7	2
78	Evaluation of Multi-Satellite Precipitation Datasets and Their Error Propagation in Hydrological Modeling in a Monsoon-Prone Region. <i>Remote Sensing</i> , 2020, 12, 3550.	4.0	12
79	Responses of Precipitation and Runoff to Climate Warming and Implications for Future Drought Changes in China. <i>Earth's Future</i> , 2020, 8, e2020EF001718.	6.3	45
80	Detection and attribution of flood responses to precipitation change and urbanization: a case study in Qinhuai River Basin, Southeast China. <i>Hydrology Research</i> , 2020, 51, 351-365.	2.7	14
81	Invigorating Hydrological Research Through Journal Publications. <i>Water Resources Research</i> , 2020, 56, .	4.2	5
82	Improving daily spatial precipitation estimates by merging gauge observation with multiple satellite-based precipitation products based on the geographically weighted ridge regression method. <i>Journal of Hydrology</i> , 2020, 589, 125156.	5.4	58
83	On the Applicability of the Expected Waiting Time Method in Nonstationary Flood Design. <i>Water Resources Management</i> , 2020, 34, 2585-2601.	3.9	15
84	An advanced complementary scheme of floating photovoltaic and hydropower generation flourishing water-food-energy nexus synergies. <i>Applied Energy</i> , 2020, 275, 115389.	10.1	50
85	Spatial and Temporal Characterization of Drought Events in China Using the Severity-Area-Duration Method. <i>Water (Switzerland)</i> , 2020, 12, 230.	2.7	15
86	Drought hazard transferability from meteorological to hydrological propagation. <i>Journal of Hydrology</i> , 2020, 585, 124761.	5.4	70
87	Dynamics of hydrological-model parameters: mechanisms, problems and solutions. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 1347-1366.	4.9	10
88	A Markov Chain-Based Bias Correction Method for Simulating the Temporal Sequence of Daily Precipitation. <i>Atmosphere</i> , 2020, 11, 109.	2.3	6
89	Evaluation of global forcing datasets for hydropower inflow simulation in Nepal. <i>Hydrology Research</i> , 2020, 51, 202-225.	2.7	6
90	Improving the Reliability of Probabilistic Multi-Step-Ahead Flood Forecasting by Fusing Unscented Kalman Filter with Recurrent Neural Network. <i>Water (Switzerland)</i> , 2020, 12, 578.	2.7	32

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91	Usage of SIMWE model to model urban overland flood: a case study in Oslo. Hydrology Research, 2020, 51, 366-380.	2.7	12
92	Transferability of a Conceptual Hydrological Model across Different Temporal Scales and Basin Sizes. Water Resources Management, 2020, 34, 2953-2968.	3.9	6
93	Investigating the downstream sediment load change by an index coupling effective rainfall information with reservoir sediment trapping capacity. Journal of Hydrology, 2020, 590, 125200.	5.4	7
94	Detection and attribution of abrupt shift in minor periods in human-impacted streamflow. Journal of Hydrology, 2020, 584, 124637.	5.4	11
95	Assessment of flash flood risk based on improved analytic hierarchy process method and integrated maximum likelihood clustering algorithm. Journal of Hydrology, 2020, 584, 124696.	5.4	90
96	The changing nature and projection of floods across Australia. Journal of Hydrology, 2020, 584, 124703.	5.4	16
97	Determining dynamic water level control boundaries for a multi-reservoir system during flood seasons with considering channel storage. Journal of Flood Risk Management, 2020, 13, e12586.	3.3	13
98	Heuristic Input Variable Selection in Multi-Objective Reservoir Operation. Water Resources Management, 2020, 34, 617-636.	3.9	9
99	Evaluating the area and position accuracy of surface water paths obtained by flow direction algorithms. Journal of Hydrology, 2020, 583, 124619.	5.4	14
100	Quantifying the Impact of Compounding Influencing Factors to the Water Level Decline of China's Largest Freshwater Lake. Journal of Water Resources Planning and Management - ASCE, 2020, 146, .	2.6	12
101	Impacts of Using State-of-the-Art Multivariate Bias Correction Methods on Hydrological Modeling Over North America. Water Resources Research, 2020, 56, e2019WR026659.	4.2	33
102	Reducing lake water-level decline by optimizing reservoir operating rule curves: A case study of the Three Gorges Reservoir and the Dongting Lake. Journal of Cleaner Production, 2020, 264, 121676.	9.3	25
103	Toward Monitoring Short-Term Droughts Using a Novel Daily Scale, Standardized Antecedent Precipitation Evapotranspiration Index. Journal of Hydrometeorology, 2020, 21, 891-908.	1.9	108
104	Glacier variations and their response to climate change in an arid inland river basin of Northwest China. Journal of Arid Land, 2020, 12, 357-373.	2.3	11
105	The influence of a prolonged meteorological drought on catchment water storage capacity: a hydrological-model perspective. Hydrology and Earth System Sciences, 2020, 24, 4369-4387.	4.9	10
106	A framework for seasonal variations of hydrological model parameters: impact on model results and response to dynamic catchment characteristics. Hydrology and Earth System Sciences, 2020, 24, 5859-5874.	4.9	3
107	Impacts of bias nonstationarity of climate model outputs on hydrological simulations. Hydrology Research, 2020, 51, 925-941.	2.7	9
108	Understanding the Resilience of Soil Moisture Regimes. Water Resources Research, 2019, 55, 7541-7563.	4.2	8

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109	A general framework of design flood estimation for cascade reservoirs in operation period. <i>Journal of Hydrology</i> , 2019, 577, 124003.	5.4	24
110	A three-process-based distributed soil erosion model at catchment scale on the Loess Plateau of China. <i>Journal of Hydrology</i> , 2019, 578, 124005.	5.4	12
111	A modified regional L-moment method for regional extreme precipitation frequency analysis in the Songliao River Basin of China. <i>Atmospheric Research</i> , 2019, 230, 104629.	4.1	13
112	Real-time reservoir flood control operation for cascade reservoirs using a two-stage flood risk analysis method. <i>Journal of Hydrology</i> , 2019, 577, 123954.	5.4	35
113	Impacts of Climate Change and Land-Use Change on Hydrological Extremes in the Jinsha River Basin. <i>Water (Switzerland)</i> , 2019, 11, 1398.	2.7	37
114	A new statistical downscaling approach for global evaluation of the CMIP5 precipitation outputs: Model development and application. <i>Science of the Total Environment</i> , 2019, 690, 1048-1067.	8.0	40
115	Aerosol Optical Depth Over the Nepalese Cryosphere Derived From an Empirical Model. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	9
116	Assessing Hydrological and Sedimentation Effects from Bottom Topography Change in a Complex Riverâ€“Lake System of Poyang Lake, China. <i>Water (Switzerland)</i> , 2019, 11, 1489.	2.7	6
117	Changes in Forest Net Primary Productivity in the Yangtze River Basin and Its Relationship with Climate Change and Human Activities. <i>Remote Sensing</i> , 2019, 11, 1451.	4.0	38
118	Modified Palmer Drought Severity Index: Model improvement and application. <i>Environment International</i> , 2019, 130, 104951.	10.0	72
119	Utilizing Satellite Surface Soil Moisture Data in Calibrating a Distributed Hydrological Model Applied in Humid Regions Through a Multi-Objective Bayesian Hierarchical Framework. <i>Remote Sensing</i> , 2019, 11, 1335.	4.0	12
120	Does the weighting of climate simulations result in a better quantification of hydrological impacts?. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 4033-4050.	4.9	41
121	Emergency Disposal Solution for Control of a Giant Landslide and Dammed Lake in Yangtze River, China. <i>Water (Switzerland)</i> , 2019, 11, 1939.	2.7	1
122	Assessing the impacts of reservoirs on downstream flood frequency by coupling the effect of scheduling-related multivariate rainfall with an indicator of reservoir effects. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 4453-4470.	4.9	22
123	Evaluation and Bias Correction of S2S Precipitation for Hydrological Extremes. <i>Journal of Hydrometeorology</i> , 2019, 20, 1887-1906.	1.9	33
124	Rainfallâ€“Runoff Processes and Modelling in Regions Characterized by Deficiency in Soil Water Storage. <i>Water (Switzerland)</i> , 2019, 11, 1858.	2.7	6
125	A new approach to separating the impacts of climate change and multiple human activities on water cycle processes based on a distributed hydrological model. <i>Journal of Hydrology</i> , 2019, 578, 124096.	5.4	46
126	Modeling saltwater intrusion using an integrated Bayesian model averaging method in the Pearl River Delta. <i>Journal of Hydroinformatics</i> , 2019, 21, 1147-1162.	2.4	10

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127	Prospect for small-hydropower installation settled upon optimal water allocation: An action to stimulate synergies of water-food-energy nexus. <i>Applied Energy</i> , 2019, 238, 668-682.	10.1	53
128	Selection of an Optimal Distribution Curve for Non-Stationary Flood Series. <i>Atmosphere</i> , 2019, 10, 31.	2.3	4
129	Improving the Informational Value of MODIS Fractional Snow Cover Area Using Fuzzy Logic Based Ensemble Smoother Data Assimilation Frameworks. <i>Remote Sensing</i> , 2019, 11, 28.	4.0	8
130	Performance of Post-Processed Methods in Hydrological Predictions Evaluated by Deterministic and Probabilistic Criteria. <i>Water Resources Management</i> , 2019, 33, 3289-3302.	3.9	11
131	The contribution of internal climate variability to climate change impacts on droughts. <i>Science of the Total Environment</i> , 2019, 684, 229-246.	8.0	51
132	A New Uncertainty Measure for Assessing the Uncertainty Existing in Hydrological Simulation. <i>Water (Switzerland)</i> , 2019, 11, 812.	2.7	3
133	A Censored Shifted Mixture Distribution Mapping Method to Correct the Bias of Daily IMERG Satellite Precipitation Estimates. <i>Remote Sensing</i> , 2019, 11, 1345.	4.0	14
134	Development of load duration curve system in data-scarce watersheds based on a distributed hydrological model. <i>Hydrology Research</i> , 2019, 50, 886-900.	2.7	9
135	Twenty-first-century glacio-hydrological changes in the Himalayan headwater Beas River basin. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 1483-1503.	4.9	31
136	Reducing uncertainty of design floods of two-component mixture distributions by utilizing flood timescale to classify flood types in seasonally snow covered region. <i>Journal of Hydrology</i> , 2019, 574, 588-608.	5.4	32
137	Simulation of Flow and Agricultural Non-Point Source Pollutant Transport in a Tibetan Plateau Irrigation District. <i>Water (Switzerland)</i> , 2019, 11, 132.	2.7	3
138	Uncertainty in simulation of land-use change impacts on catchment runoff with multi-timescales based on the comparison of the HSPF and SWAT models. <i>Journal of Hydrology</i> , 2019, 573, 486-500.	5.4	74
139	Multivariate hydrologic design methods under nonstationary conditions and application to engineering practice. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 1683-1704.	4.9	50
140	Derivation of Hydropower Rules for Multireservoir Systems and Its Application for Optimal Reservoir Storage Allocation. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2019, 145, .	2.6	10
141	Reconstruction of high spatial resolution surface air temperature data across China: A new geo-intelligent multisource data-based machine learning technique. <i>Science of the Total Environment</i> , 2019, 665, 300-313.	8.0	28
142	Comparison of multiple downscaling techniques for climate change projections given the different climatic zones in China. <i>Theoretical and Applied Climatology</i> , 2019, 138, 27-45.	2.8	9
143	New Methods for the Assessment of Flow Regime Alteration under Climate Change and Human Disturbance. <i>Water (Switzerland)</i> , 2019, 11, 2435.	2.7	3
144	Parameter Uncertainty of a Snowmelt Runoff Model and Its Impact on Future Projections of Snowmelt Runoff in a Data-Scarce Deglaciating River Basin. <i>Water (Switzerland)</i> , 2019, 11, 2417.	2.7	11

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145	Recent glacier and lake changes in High Mountain Asia and their relation to precipitation changes. <i>Cryosphere</i> , 2019, 13, 2977-3005.	3.9	64
146	New Approach for Bias Correction and Stochastic Downscaling of Future Projections for Daily Mean Temperatures to a High-Resolution Grid. <i>Journal of Applied Meteorology and Climatology</i> , 2019, 58, 2617-2632.	1.5	8
147	Reply to "Increases in temperature do not translate to increased flooding". <i>Nature Communications</i> , 2019, 10, 5675.	12.8	10
148	Terrestrial Water Storage in China: Spatiotemporal Pattern and Driving Factors. <i>Sustainability</i> , 2019, 11, 6646.	3.2	6
149	Rational Function Method for Allocating Water Resources in the Coupled Natural-Human Systems. <i>Water Resources Management</i> , 2019, 33, 57-73.	3.9	6
150	Net primary productivity dynamics and associated hydrological driving factors in the floodplain wetland of China's largest freshwater lake. <i>Science of the Total Environment</i> , 2019, 659, 302-313.	8.0	55
151	Is Himalayan-Tibetan Plateau "drying"? Historical estimations and future trends of surface soil moisture. <i>Science of the Total Environment</i> , 2019, 658, 374-384.	8.0	35
152	A method for investigating the relative importance of three components in overall uncertainty of climate projections. <i>International Journal of Climatology</i> , 2019, 39, 1853-1871.	3.5	15
153	A framework for quantifying the impacts of climate change and human activities on hydrological drought in a semiarid basin of Northern China. <i>Hydrological Processes</i> , 2019, 33, 1075-1088.	2.6	71
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