

List of Publications by Year in
Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

161 papers	3,980 citations	31 h-index	58 g-index
167 ext. papers	5,182 ext. citations	4.8 avg, IF	6.05 L-index

#	Paper	IF	Citations
161	Effects of different cropping systems on ammonia nitrogen load in a typical agricultural watershed of South China.. <i>Journal of Contaminant Hydrology</i> , 2022 , 246, 103963	3.9	1
160	Performance of satellite-based and reanalysis precipitation products under multi-temporal scales and extreme weather in mainland China. <i>Journal of Hydrology</i> , 2022 , 605, 127389	6	4
159	Implication of climate variable selections on the uncertainty of reference crop evapotranspiration projections propagated from climate variables projections under climate change. <i>Agricultural Water Management</i> , 2022 , 259, 107273	5.9	1
158	MultiProxy Reconstruction of Drought Variability in China during the Past Two Millennia. <i>Water (Switzerland)</i> , 2022 , 14, 858	3	0
157	Socioeconomic drought analysis by standardized water supply and demand index under changing environment. <i>Journal of Cleaner Production</i> , 2022 , 347, 131248	10.3	1
156	Impact of the false intensification and recovery on the hydrological drought internal propagation. <i>Weather and Climate Extremes</i> , 2022 , 36, 100430	6	0
155	Detection of periodicity, aperiodicity, and corresponding driving factors of river dissolved oxygen based on high-frequency measurements. <i>Journal of Hydrology</i> , 2022 , 609, 127711	6	
154	A seven-parameter Bernoulli-Gamma-Gaussian model to calibrate subseasonal to seasonal precipitation forecasts. <i>Journal of Hydrology</i> , 2022 , 127896	6	1
153	Attributing correlation skill of dynamical GCM precipitation forecasts to statistical ENSO teleconnection using a set-theory-based approach. <i>Hydrology and Earth System Sciences</i> , 2021 , 25, 5717-5732	5.5	0
152	A framework for assessing compound drought events from a drought propagation perspective. <i>Journal of Hydrology</i> , 2021 , 127228	6	2
151	Evaluating the impacts of small cascade hydropower from a perspective of stream health that integrates eco-environmental and hydrological values.. <i>Journal of Environmental Management</i> , 2021 , 305, 114366	7.9	0
150	Spatio-temporal changes of precipitation in the Hanjiang River Basin under climate change. <i>Theoretical and Applied Climatology</i> , 2021 , 146, 1441	3	2
149	Spatio-temporal distribution of NDVI and its influencing factors in China. <i>Journal of Hydrology</i> , 2021 , 603, 127129	6	4
148	Reservoirs regulate the relationship between hydrological drought recovery water and drought characteristics. <i>Journal of Hydrology</i> , 2021 , 603, 127127	6	2
147	Sea level simulation with signal decomposition and machine learning. <i>Ocean Engineering</i> , 2021 , 241, 110109	3.9	1
146	Performance Comparison of Machine Learning Models for Annual Precipitation Prediction Using Different Decomposition Methods. <i>Remote Sensing</i> , 2021 , 13, 1018	5	3
145	A standardized index for assessing sub-monthly compound dry and hot conditions with application in China. <i>Hydrology and Earth System Sciences</i> , 2021 , 25, 1587-1601	5.5	18

144	Multi-timescale assessment of propagation thresholds from meteorological to hydrological drought. <i>Science of the Total Environment</i> , 2021 , 765, 144232	10.2	20
143	Global data assessment and analysis of drought characteristics based on CMIP6. <i>Journal of Hydrology</i> , 2021 , 596, 126091	6	20
142	Which Is More Sensitive to Water Stress for Irrigation Scheduling during the Maturation Stage: Grapevine Photosynthesis or Berry Size?. <i>Atmosphere</i> , 2021 , 12, 845	2.7	1
141	The interactions between hydrological drought evolution and precipitation-streamflow relationship. <i>Journal of Hydrology</i> , 2021 , 597, 126210	6	8
140	Vegetation controls on surface energy partitioning and water budget over China. <i>Journal of Hydrology</i> , 2021 , 600, 125646	6	3
139	A Copula-Based Multivariate Probability Analysis for Flash Flood Risk under the Compound Effect of Soil Moisture and Rainfall. <i>Water Resources Management</i> , 2021 , 35, 83-98	3.7	7
138	Water quality: the missing dimension of water in the water-energy-food nexus. <i>Hydrological Sciences Journal</i> , 2021 , 66, 745-758	3.5	4
137	Quantifying the impacts of waterlogging on cotton at different growth stages: A case study in Hubei Province, China. <i>Agronomy Journal</i> , 2021 , 113, 1831-1851	2.2	0
136	Evaluation of TMPA 3B42-V7 Product on Extreme Precipitation Estimates. <i>Remote Sensing</i> , 2021 , 13, 209	5	2
135	Robust Meteorological Drought Prediction Using Antecedent SST Fluctuations and Machine Learning. <i>Water Resources Research</i> , 2021 , 57, e2020WR029413	5.4	12
134	Assessing the large-scale plant-water relations in the humid, subtropical Pearl River basin of China. <i>Hydrology and Earth System Sciences</i> , 2021 , 25, 4741-4758	5.5	2
133	Comparing Bayesian Model Averaging and Reliability Ensemble Averaging in Post-Processing Runoff Projections under Climate Change. <i>Water (Switzerland)</i> , 2021 , 13, 2124	3	1
132	Combining Time varying filtering based empirical mode decomposition and machine learning to predict precipitation from nonlinear series. <i>Journal of Hydrology</i> , 2021 , 603, 126914	6	0
131	Trade-off between carbon sequestration and water loss for vegetation greening in China. <i>Agriculture, Ecosystems and Environment</i> , 2021 , 319, 107522	5.7	3
130	Predicting river dissolved oxygen time series based on stand-alone models and hybrid wavelet-based models. <i>Journal of Environmental Management</i> , 2021 , 295, 113085	7.9	9
129	Spatiotemporal analysis of water resources system vulnerability in the Lancang River Basin, China. <i>Journal of Hydrology</i> , 2021 , 601, 126614	6	3
128	Stability of spatial dependence structure of extreme precipitation and the concurrent risk over a nested basin. <i>Journal of Hydrology</i> , 2021 , 602, 126766	6	0
127	Evaluating the tradeoff between hydropower benefit and ecological interest under climate change: How will the water-energy-ecosystem nexus evolve in the upper Mekong basin?. <i>Energy</i> , 2021 , 237, 121518	7.8	3

126	A five-parameter Gamma-Gaussian model to calibrate monthly and seasonal GCM precipitation forecasts. <i>Journal of Hydrology</i> , 2021 , 603, 126893	6	5
125	Flood Risk Assessment and Regionalization from Past and Future Perspectives at Basin Scale. <i>Risk Analysis</i> , 2020 , 40, 1399-1417	3.9	11
124	Dynamics of hydrological-model parameters: mechanisms, problems and solutions. <i>Hydrology and Earth System Sciences</i> , 2020 , 24, 1347-1366	5.5	7
123	Wind Speed-Independent Two-Source Energy Balance Model Based on a Theoretical Trapezoidal Relationship between Land Surface Temperature and Fractional Vegetation Cover for Evapotranspiration Estimation. <i>Advances in Meteorology</i> , 2020 , 2020, 1-22	1.7	3
122	A Framework to Evaluate Community Resilience to Urban Floods: A Case Study in Three Communities. <i>Sustainability</i> , 2020 , 12, 1521	3.6	17
121	Determination of water required to recover from hydrological drought: Perspective from drought propagation and non-standardized indices. <i>Journal of Hydrology</i> , 2020 , 590, 125227	6	14
120	Reply to Comments on: Li et al. (2019) Bioelectrochemical Systems for Groundwater Remediation: The Development Trend and Research Front Revealed by Bibliometric Analysis. <i>Water (Switzerland)</i> , 2020 , 12, 1603	3	
119	Seasonality in a tidal reach: Existence, impact and a possible approach for design flood level estimation. <i>Science of the Total Environment</i> , 2020 , 714, 136478	10.2	
118	Global Response of Evapotranspiration Ratio to Climate Conditions and Watershed Characteristics in a Changing Environment. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2020JD032371	4.4	7
117	Regional difference of water use in a significantly unbalanced developing region. <i>Water Policy</i> , 2020 , 22, 1182-1199	1.6	0
116	Urban signatures of sub-daily extreme precipitation events over a metropolitan region. <i>Atmospheric Research</i> , 2020 , 246, 105204	5.4	6
115	Hydrological Model Calibration for Dammed Basins Using Satellite Altimetry Information. <i>Water Resources Research</i> , 2020 , 56, e2020WR027442	5.4	4
114	Significant spatial patterns from the GCM seasonal forecasts of global precipitation. <i>Hydrology and Earth System Sciences</i> , 2020 , 24, 1-16	5.5	14
113	Flash droughts in the Pearl River Basin, China: Observed characteristics and future changes. <i>Science of the Total Environment</i> , 2020 , 707, 136074	10.2	24
112	Tradeoff for water resources allocation based on updated probabilistic assessment of matching degree between water demand and water availability. <i>Science of the Total Environment</i> , 2020 , 716, 134923	10.2	4
111	Post-Processing and Evaluation of Precipitation Ensemble Forecast under Multiple Schemes in Beijiang River Basin. <i>Water (Switzerland)</i> , 2020 , 12, 2631	3	0
110	Differing roles of base and fast flow in ensemble seasonal streamflow forecasting: An experimental investigation. <i>Journal of Hydrology</i> , 2020 , 591, 125272	6	5
109	Comprehensive Comparisons of State-of-the-Art Gridded Precipitation Estimates for Hydrological Applications over Southern China. <i>Remote Sensing</i> , 2020 , 12, 3997	5	13

108	Evident response of future hydropower generation to climate change. <i>Journal of Hydrology</i> , 2020 , 590, 125385	6	6
107	Spatial association of anomaly correlation for GCM seasonal forecasts of global precipitation. <i>Climate Dynamics</i> , 2020 , 55, 2273-2286	4.2	5
106	Reservoir-Induced Hydrological Alterations Using Ecologically Related Hydrologic Metrics: Case Study in the Beijiing River, China. <i>Water (Switzerland)</i> , 2020 , 12, 2008	3	6
105	A new idea for predicting and managing seawater intrusion in coastal channels of the Pearl River, China. <i>Journal of Hydrology</i> , 2020 , 590, 125454	6	2
104	Using the Apriori Algorithm and Copula Function for the Bivariate Analysis of Flash Flood Risk. <i>Water (Switzerland)</i> , 2020 , 12, 2223	3	3
103	The improved bankruptcy method and its application in regional water resource allocation. <i>Journal of Hydro-Environment Research</i> , 2020 , 28, 48-56	2.3	8
102	Dynamic changes of the dryness/wetness characteristics in the largest river basin of South China and their possible climate driving factors. <i>Atmospheric Research</i> , 2020 , 232, 104685	5.4	4
101	The Effects of Flood, Drought, and Flood Followed by Drought on Yield in Cotton. <i>Agronomy</i> , 2020 , 10, 555	3.6	3
100	Toward Monitoring Short-Term Droughts Using a Novel Daily Scale, Standardized Antecedent Precipitation Evapotranspiration Index. <i>Journal of Hydrometeorology</i> , 2020 , 21, 891-908	3.7	28
99	Predictive performance of NMME seasonal forecasts of global precipitation: A spatial-temporal perspective. <i>Journal of Hydrology</i> , 2019 , 570, 17-25	6	5
98	Quantification of the Driving Factors of Water Use in the Productive Sector Change Using Various Decomposition Methods. <i>Water Resources Management</i> , 2019 , 33, 4105-4121	3.7	5
97	An approach to revising the climate forecast system reanalysis rainfall data in a sparsely-gauged mountain basin. <i>Atmospheric Research</i> , 2019 , 220, 194-205	5.4	7
96	Selection of an Optimal Distribution Curve for Non-Stationary Flood Series. <i>Atmosphere</i> , 2019 , 10, 31	2.7	2
95	Temporal and spatial changes of soil moisture and its response to temperature and precipitation over the Tibetan Plateau. <i>Hydrological Sciences Journal</i> , 2019 , 64, 1370-1384	3.5	7
94	Twenty-three unsolved problems in hydrology (UPH) from a community perspective. <i>Hydrological Sciences Journal</i> , 2019 , 64, 1141-1158	3.5	259
93	Hydropower change of the water tower of Asia in 21st century: A case of the Lancang River hydropower base, upper Mekong. <i>Energy</i> , 2019 , 179, 685-696	7.9	27
92	Spatial patterns and regional differences of inequality in water resources exploitation in China. <i>Journal of Cleaner Production</i> , 2019 , 227, 835-848	10.3	13
91	Risk assessment and sensitivity analysis of flash floods in ungauged basins using coupled hydrologic and hydrodynamic models. <i>Journal of Hydrology</i> , 2019 , 572, 108-120	6	46

90	Bivariate Design of Hydrological Droughts and Their Alterations under a Changing Environment. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019 , 24, 04019015	1.8	7
89	An improved index for water quality evaluation in an estuary region: a case study in the Eastern Pearl River Delta, China. <i>Water Policy</i> , 2019 , 21, 310-325	1.6	5
88	Impacts of small cascaded hydropower plants on river discharge in a basin in Southern China. <i>Hydrological Processes</i> , 2019 , 33, 1420-1433	3.3	6
87	Intensity and spatial heterogeneity of design rainstorm under nonstationarity and stationarity hypothesis across mainland China. <i>Theoretical and Applied Climatology</i> , 2019 , 138, 1795-1808	3	8
86	Extraction of flooding features with multifractal analysis for the Wujiang River of South China. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	
85	Bioelectrochemical Systems for Groundwater Remediation: The Development Trend and Research Front Revealed by Bibliometric Analysis. <i>Water (Switzerland)</i> , 2019 , 11, 1532	3	13
84	Assessing the impact of human regulations on hydrological drought development and recovery based on a simulated-observed comparison of the SWAT model. <i>Journal of Hydrology</i> , 2019 , 577, 123990 ⁶		25
83	Covariates for nonstationary modeling of extreme precipitation in the Pearl River Basin, China. <i>Atmospheric Research</i> , 2019 , 229, 224-239	5.4	14
82	Accuracy evaluation of GPM multi-satellite precipitation products in the hydrological application over alpine and gorge regions with sparse rain gauge network 2019 , 50, 1710-1729		10
81	Global divergent responses of primary productivity to water, energy, and CO ₂ . <i>Environmental Research Letters</i> , 2019 , 14, 124044	6.2	6
80	Quantifying Flood Frequency Modification Caused by Multi-Reservoir Regulation. <i>Water Resources Management</i> , 2019 , 33, 4451-4470	3.7	2
79	Monitoring hydrological drought using long-term satellite-based precipitation data. <i>Science of the Total Environment</i> , 2019 , 649, 1198-1208	10.2	75
78	Assessing the effects of reservoirs on extreme flows using nonstationary flood frequency models with the modified reservoir index as a covariate. <i>Advances in Water Resources</i> , 2019 , 124, 29-40	4.7	25
77	Drought monitoring utility of satellite-based precipitation products across mainland China. <i>Journal of Hydrology</i> , 2019 , 568, 343-359	6	90
76	Reconstruction of annual runoff since CE 1557 using tree-ring chronologies in the upper Lancang-Mekong River basin. <i>Journal of Hydrology</i> , 2019 , 569, 771-781	6	7
75	Spatiotemporal trends of dryness/wetness duration and severity: The respective contribution of precipitation and temperature. <i>Atmospheric Research</i> , 2019 , 216, 176-185	5.4	34
74	Drying tendency dominating the global grain production area. <i>Global Food Security</i> , 2018 , 16, 138-149	8.3	43
73	Allocating river water in a cooperative way: a case study of the Dongjiang River Basin, South China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 3083-3097	3.5	17

72	A Two-stage Approach to Basin-scale Water Demand Prediction. <i>Water Resources Management</i> , 2018 , 32, 401-416	3.7	8
71	Quantifying the contribution of flood intensity indicators with the projection pursuit model 2018 , 49, 60-71		3
70	Landscape heterogeneity and hydrological processes: a review of landscape-based hydrological models. <i>Landscape Ecology</i> , 2018 , 33, 1461-1480	4.3	27
69	Assumption-Simulation-Feedback-Adjustment (ASFA) Framework for Real-Time Correction of Water Resources Allocation: a Case Study of Longgang River Basin in Southern China. <i>Water Resources Management</i> , 2018 , 32, 3871-3886	3.7	2
68	Hydrologic assessment of the TMPA 3B42-V7 product in a typical alpine and gorge region: the Lancang River basin, China 2018 , 49, 2002-2015		9
67	Surface Water Quality Evaluation Based on a Game Theory-Based Cloud Model. <i>Water (Switzerland)</i> , 2018 , 10, 510	3	9
66	Quantitative Evaluation of the Impact of Climate Change and Human Activity on Runoff Change in the Dongjiang River Basin, China. <i>Water (Switzerland)</i> , 2018 , 10, 571	3	27
65	Research on Fuzzy Cooperative Game Model of Allocation of Pollution Discharge Rights. <i>Water (Switzerland)</i> , 2018 , 10, 662	3	9
64	Responses of the hydrological regime to variations in meteorological factors under climate change of the Tibetan plateau. <i>Atmospheric Research</i> , 2018 , 214, 296-310	5.4	33
63	Relating Anomaly Correlation to Lead Time: Principal Component Analysis of NMME Forecasts of Summer Precipitation in China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 6039-6052	4.4	6
62	Water allocation under the constraint of total water-use quota: a case from Dongjiang River Basin, South China. <i>Hydrological Sciences Journal</i> , 2018 , 63, 154-167	3.5	10
61	A catastrophe progression approach based index sensitivity analysis model for the multivariate flooding process. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 141-153	3.5	3
60	A Clustering Preprocessing Framework for the Subannual Calibration of a Hydrological Model Considering Climate-Land Surface Variations. <i>Water Resources Research</i> , 2018 , 54, 10,034	5.4	21
59	Response of Sediment Load to Hydrological Change in the Upstream Part of the Lancang-Mekong River over the Past 50 Years. <i>Water (Switzerland)</i> , 2018 , 10, 888	3	6
58	Joint Dependence Between River Water Temperature, Air Temperature, and Discharge in the Yangtze River: The Role of the Three Gorges Dam. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 11,938-11,951	4.4	10
57	Hydrological Drought Instantaneous Propagation Speed Based on the Variable Motion Relationship of Speed-Time Process. <i>Water Resources Research</i> , 2018 , 54, 9549-9565	5.4	36
56	Drought-Induced Reduction in Net Primary Productivity across Mainland China from 1982 to 2015. <i>Remote Sensing</i> , 2018 , 10, 1433	5	26
55	Multivariate design of socioeconomic drought and impact of water reservoirs. <i>Journal of Hydrology</i> , 2018 , 566, 192-204	6	45

54	Coordination degree of the exploitation of water resources and its spatial differences in China. <i>Science of the Total Environment</i> , 2018 , 644, 1117-1127	10.2	12
53	Response of net primary production to land use and land cover change in mainland China since the late 1980s. <i>Science of the Total Environment</i> , 2018 , 639, 237-247	10.2	96
52	A simplified approach for flood modeling in urban environments 2018 , 49, 1804-1816		16
51	Impacts of reservoir operations on multi-scale correlations between hydrological drought and meteorological drought. <i>Journal of Hydrology</i> , 2018 , 563, 726-736	6	66
50	Quantifying the changing properties of climate extremes in Guangdong Province using individual and integrated climate indices. <i>International Journal of Climatology</i> , 2017 , 37, 781-792	3.5	13
49	Scenario-based projections of future urban inundation within a coupled hydrodynamic model framework: A case study in Dongguan City, China. <i>Journal of Hydrology</i> , 2017 , 547, 428-442	6	107
48	A regional frequency analysis of precipitation extremes in Mainland China with fuzzy c-means and L-moments approaches. <i>International Journal of Climatology</i> , 2017 , 37, 429-444	3.5	26
47	Does drought in China show a significant decreasing trend from 1961 to 2009?. <i>Science of the Total Environment</i> , 2017 , 579, 314-324	10.2	93
46	Variability of annual peak flows in the Beijiang River Basin, South China, and possible underlying causes 2017 , 48, 442-454		8
45	Joint risk of interbasin water transfer and impact of the window size of sampling low flows under environmental change. <i>Journal of Hydrology</i> , 2017 , 554, 1-11	6	8
44	Trends in temperature extremes over nine integrated agricultural regions in China, 1961–2011. <i>Theoretical and Applied Climatology</i> , 2017 , 129, 1279-1294	3	17
43	Spatiotemporal pattern of precipitation concentration and its possible causes in the Pearl River basin, China. <i>Journal of Cleaner Production</i> , 2017 , 161, 1020-1031	10.3	28
42	Spatiotemporal variability of reference evapotranspiration and contributing climatic factors in China during 1961–2013. <i>Journal of Hydrology</i> , 2017 , 544, 97-108	6	119
41	Comparative Study on the Selection Criteria for Fitting Flood Frequency Distribution Models with Emphasis on Upper-Tail Behavior. <i>Water (Switzerland)</i> , 2017 , 9, 320	3	9
40	Flooding in Delta Areas under Changing Climate: Response of Design Flood Level to Non-Stationarity in Both Inflow Floods and High Tides in South China. <i>Water (Switzerland)</i> , 2017 , 9, 471	3	7
39	Evaluating the Effects of Low Impact Development Practices on Urban Flooding under Different Rainfall Intensities. <i>Water (Switzerland)</i> , 2017 , 9, 548	3	45
38	Flood risk zoning using a rule mining based on ant colony algorithm. <i>Journal of Hydrology</i> , 2016 , 542, 268-280	6	52
37	Uncertainty and variability in bivariate modeling of hydrological droughts. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016 , 30, 1317-1334	3.5	19

36	Spatio-temporal variation in rainfall erosivity during 1960-2012 in the Pearl River Basin, China. <i>Catena</i> , 2016 , 137, 382-391	5.8	48
35	Quantification of Multiple Climate Change and Human Activity Impact Factors on Flood Regimes in the Pearl River Delta of China. <i>Advances in Meteorology</i> , 2016 , 2016, 1-11	1.7	9
34	Observed changes in precipitation extremes across 11 basins in China during 1961-2013. <i>International Journal of Climatology</i> , 2016 , 36, 2866-2885	3.5	46
33	A procedure for assessing the impacts of land-cover change on soil erosion at basin scale 2016 , 47, 903-918		8
32	Geochemical features of the geothermal fluids from the Mapamyum non-volcanic geothermal system (Western Tibet, China). <i>Journal of Volcanology and Geothermal Research</i> , 2016 , 320, 29-39	2.8	17
31	Quantifying the Vulnerability of Surface Water Environment in Humid Areas Base on DEA Method. <i>Water Resources Management</i> , 2016 , 30, 5101-5112	3.7	4
30	Flood hazard risk assessment model based on random forest. <i>Journal of Hydrology</i> , 2015 , 527, 1130-1146	6	293
29	Evaluation of flood frequency under non-stationarity resulting from climate indices and reservoir indices in the East River basin, China. <i>Journal of Hydrology</i> , 2015 , 527, 565-575	6	88
28	Intra-annual Distribution of Streamflow and Individual Impacts of Climate Change and Human Activities in the Dongjiang River Basin, China. <i>Water Resources Management</i> , 2015 , 29, 2677-2695	3.7	19
27	Evaluation of ecological instream flow using multiple ecological indicators with consideration of hydrological alterations. <i>Journal of Hydrology</i> , 2015 , 529, 711-722	6	47
26	Flood indicators and their clustering features in Wujiang River, South China. <i>Ecological Engineering</i> , 2015 , 76, 66-74	3.9	12
25	A fuzzy comprehensive evaluation model for flood risk based on the combination weight of game theory. <i>Natural Hazards</i> , 2015 , 77, 1243-1259	3	106
24	Classification-Based Spatiotemporal Variations of Pan Evaporation Across the Guangdong Province, South China. <i>Water Resources Management</i> , 2015 , 29, 901-912	3.7	14
23	Xinjiang model combined with Curve Number to simulate the effect of land use change on environmental flow. <i>Journal of Hydrology</i> , 2014 , 519, 3142-3152	6	46
22	Changes in runoff and eco-flow in the Dongjiang River of the Pearl River Basin, China. <i>Frontiers of Earth Science</i> , 2014 , 8, 547-557	1.7	16
21	An optimization model for a crop deficit irrigation system under uncertainty. <i>Engineering Optimization</i> , 2014 , 46, 1-14	2	20
20	Method of multi-criteria group decision-making based on cloud aggregation operators with linguistic information. <i>Information Sciences</i> , 2014 , 274, 177-191	7.7	169
19	Copula-based risk evaluation of hydrological droughts in the East River basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013 , 27, 1397-1406	3.5	63

18	Entropy-based assessment and zoning of rainfall distribution. <i>Journal of Hydrology</i> , 2013 , 490, 32-40	6	28
17	Uncertainty in determining extreme precipitation thresholds. <i>Journal of Hydrology</i> , 2013 , 503, 233-245	6	22
16	Effect of Land Use and Climate Change on Runoff in the Dongjiang Basin of South China. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-14	1.1	26
15	Hydrological Design of Nonstationary Flood Extremes and Durations in Wujiang River, South China: Changing Properties, Causes, and Impacts. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-10	1.1	2
14	Hydrological effects of water reservoirs on hydrological processes in the East River (China) basin: complexity evaluations based on the multi-scale entropy analysis. <i>Hydrological Processes</i> , 2012 , 26, 3253-3262	3.3	49
13	Flood changes during the past 50 years in Wujiang River, South China. <i>Hydrological Processes</i> , 2012 , 26, 3561-3569	3.3	26
12	A macro-evolutionary multi-objective immune algorithm with application to optimal allocation of water resources in Dongjiang River basins, South China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2012 , 26, 491-507	3.5	27
11	Space-time changes in hydrological processes in response to human activities and climatic change in the south China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2012 , 26, 823-834	3.5	17
10	A Model for the Optimal Allocation of Water Resources in a Saltwater Intrusion Area: A Case Study in Pearl River Delta in China. <i>Water Resources Management</i> , 2010 , 24, 63-81	3.7	62
9	An evaluation of impacts of DEM resolution and parameter correlation on TOPMODEL modeling uncertainty. <i>Journal of Hydrology</i> , 2010 , 394, 370-383	6	50
8	Impacts of climate change and human activities on surface runoff in the Dongjiang River basin of China. <i>Hydrological Processes</i> , 2010 , 24, 1487-1495	3.3	114
7	Change-point alterations of extreme water levels and underlying causes in the Pearl River Delta, China. <i>River Research and Applications</i> , 2009 , 25, 1153-1168	2.3	20
6	Detecting changes in extreme precipitation and extreme streamflow in the Dongjiang River Basin in southern China. <i>Hydrology and Earth System Sciences</i> , 2008 , 12, 207-221	5.5	112
5	Comparison of hydrological impacts of climate change simulated by six hydrological models in the Dongjiang Basin, South China. <i>Journal of Hydrology</i> , 2007 , 336, 316-333	6	264
4	Optimal allocation of water resources in Guangzhou City, South China. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2006 , 41, 1405-1419	2.3	6
3	Correspondence relationship between ENSO teleconnection and anomaly correlation for GCM seasonal precipitation forecasts. <i>Climate Dynamics</i> , 1	4.2	0
2	Runoff forecast and analysis of the probability of dry and wet transition in the Hanjiang River Basin. <i>Stochastic Environmental Research and Risk Assessment</i> , 1	3.5	0
1	Assessing Socioeconomic Drought Based on a Standardized Supply and Demand Water Index. <i>Water Resources Management</i> , 1	3.7	1

