

Chong-Yu Xu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3658768/chong-yu-xu-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

421
papers

14,901
citations

61
h-index

103
g-index

441
ext. papers

17,353
ext. citations

4.5
avg, IF

7.02
L-index

#	Paper	IF	Citations
4 ²¹	Analysis of spatial distribution and temporal trend of reference evapotranspiration and pan evaporation in Changjiang (Yangtze River) catchment. <i>Journal of Hydrology</i> , 2006 , 327, 81-93	6	425
4 ²⁰	From GCMs to river flow: a review of downscaling methods and hydrologic modelling approaches. <i>Progress in Physical Geography</i> , 1999 , 23, 229-249	3.5	306
4 ¹⁹	Sensitivity of the Penman-Monteith reference evapotranspiration to key climatic variables in the Changjiang (Yangtze River) basin. <i>Journal of Hydrology</i> , 2006 , 329, 620-629	6	300
4 ¹⁸	Distinguishing the relative impacts of climate change and human activities on variation of streamflow in the Poyang Lake catchment, China. <i>Journal of Hydrology</i> , 2013 , 494, 83-95	6	286
4 ¹⁷	Spatial and temporal variability of precipitation maxima during 1960-2005 in the Yangtze River basin and possible association with large-scale circulation. <i>Journal of Hydrology</i> , 2008 , 353, 215-227	6	271
4 ¹⁶	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 ¹⁵	Observed trends of annual maximum water level and streamflow during past 130 years in the Yangtze River basin, China. <i>Journal of Hydrology</i> , 2006 , 324, 255-265	6	251
4 ¹⁴	Possible influence of ENSO on annual maximum streamflow of the Yangtze River, China. <i>Journal of Hydrology</i> , 2007 , 333, 265-274	6	231
4 ¹³	Parameter and modeling uncertainty simulated by GLUE and a formal Bayesian method for a conceptual hydrological model. <i>Journal of Hydrology</i> , 2010 , 383, 147-155	6	227
4 ¹²	An investigation of enhanced recessions in Poyang Lake: Comparison of Yangtze River and local catchment impacts. <i>Journal of Hydrology</i> , 2014 , 517, 425-434	6	225
4 ¹¹	Historical temporal trends of hydro-climatic variables and runoff response to climate variability and their relevance in water resource management in the Hanjiang basin. <i>Journal of Hydrology</i> , 2007 , 344, 171-184	6	225
4 ¹⁰	Comparison and evaluation of multiple GCMs, statistical downscaling and hydrological models in the study of climate change impacts on runoff. <i>Journal of Hydrology</i> , 2012 , 434-435, 36-45	6	204
4 ⁰⁹	Sediment and runoff changes in the Yangtze River basin during past 50 years. <i>Journal of Hydrology</i> , 2006 , 331, 511-523	6	201
4 ⁰⁸	Regional frequency analysis and spatio-temporal pattern characterization of rainfall extremes in the Pearl River Basin, China. <i>Journal of Hydrology</i> , 2010 , 380, 386-405	6	198
4 ⁰⁷	A spatial assessment of hydrologic alteration caused by dam construction in the middle and lower Yellow River, China. <i>Hydrological Processes</i> , 2008 , 22, 3829-3843	3.3	190
4 ⁰⁶	Separating the impacts of climate change and human activities on runoff using the Budyko-type equations with time-varying parameters. <i>Journal of Hydrology</i> , 2015 , 522, 326-338	6	189
4 ⁰⁵	Observed changes of drought/wetness episodes in the Pearl River basin, China, using the standardized precipitation index and aridity index. <i>Theoretical and Applied Climatology</i> , 2009 , 98, 89-99	3	180

404	Climate Change and Hydrologic Models: A Review of Existing Gaps and Recent Research Developments. <i>Water Resources Management</i> , 1999 , 13, 369-382	3.7	179
403	Dynamic control of flood limited water level for reservoir operation by considering inflow uncertainty. <i>Journal of Hydrology</i> , 2010 , 391, 124-132	6	177
402	Trend of estimated actual evapotranspiration over China during 1960-2002. <i>Journal of Geophysical Research</i> , 2007 , 112,		164
401	Modelling hydrological consequences of climate change: Progress and challenges. <i>Advances in Atmospheric Sciences</i> , 2005 , 22, 789-797	2.9	160
400	Changing properties of precipitation concentration in the Pearl River basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009 , 23, 377-385	3.5	155
399	Suitability of the TRMM satellite rainfalls in driving a distributed hydrological model for water balance computations in Xinjiang catchment, Poyang lake basin. <i>Journal of Hydrology</i> , 2012 , 426-427, 28-38	6	148
398	Climate changes and their impacts on water resources in the arid regions: a case study of the Tarim River basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2010 , 24, 349-358	3.5	139
397	Evapotranspiration estimation methods in hydrological models. <i>Journal of Chinese Geography</i> , 2013 , 23, 359-369	3.7	130
396	Evaluation of the subjective factors of the GLUE method and comparison with the formal Bayesian method in uncertainty assessment of hydrological models. <i>Journal of Hydrology</i> , 2010 , 390, 210-221	6	129
395	Optimal design of seasonal flood limited water levels and its application for the Three Gorges Reservoir. <i>Journal of Hydrology</i> , 2015 , 527, 1045-1053	6	124
394	Global water-balance modelling with WASMOD-M: Parameter estimation and regionalisation. <i>Journal of Hydrology</i> , 2007 , 340, 105-118	6	124
393	Estimation of future precipitation change in the Yangtze River basin by using statistical downscaling method. <i>Stochastic Environmental Research and Risk Assessment</i> , 2011 , 25, 781-792	3.5	118
392	Examining the influence of river-lake interaction on the drought and water resources in the Poyang Lake basin. <i>Journal of Hydrology</i> , 2015 , 522, 510-521	6	113
391	Temporal rainfall variability in the Lake Victoria Basin in East Africa during the twentieth century. <i>Theoretical and Applied Climatology</i> , 2009 , 98, 119-135	3	107
390	Statistical precipitation downscaling in central Sweden with the analogue method. <i>Journal of Hydrology</i> , 2005 , 306, 174-190	6	107
389	Variability of Water Resource in the Yellow River Basin of Past 50 Years, China. <i>Water Resources Management</i> , 2009 , 23, 1157-1170	3.7	105
388	Derivation of Aggregation-Based Joint Operating Rule Curves for Cascade Hydropower Reservoirs. <i>Water Resources Management</i> , 2011 , 25, 3177-3200	3.7	101
387	Assessing the influence of rain gauge density and distribution on hydrological model performance in a humid region of China. <i>Journal of Hydrology</i> , 2013 , 505, 1-12	6	98

386	Modelling the Effects of Climate Change on Water Resources in Central Sweden. <i>Water Resources Management</i> , 2000 , 14, 177-189	3.7	96
385	Evaluating the non-stationary relationship between precipitation and streamflow in nine major basins of China during the past 50years. <i>Journal of Hydrology</i> , 2011 , 409, 81-93	6	94
384	Evaluation of spatial and temporal characteristics of rainfall in Malawi: a case of data scarce region. <i>Theoretical and Applied Climatology</i> , 2011 , 106, 79-93	3	94
383	Bivariate frequency analysis of nonstationary low-flow series based on the time-varying copula. <i>Hydrological Processes</i> , 2015 , 29, 1521-1534	3.3	93
382	Methodology and comparative study of monthly water balance models in Belgium, China and Burma. <i>Journal of Hydrology</i> , 1992 , 134, 315-347	6	93
381	Return period and risk analysis of nonstationary low-flow series under climate change. <i>Journal of Hydrology</i> , 2015 , 527, 234-250	6	88
380	Statistical behaviours of precipitation regimes in China and their links with atmospheric circulation 1960-2005. <i>International Journal of Climatology</i> , 2011 , 31, 1665-1678	3.5	83
379	Daily precipitation-downscaling techniques in three Chinese regions. <i>Water Resources Research</i> , 2006 , 42,	5.4	83
378	Assessing uncertainties in a conceptual water balance model using Bayesian methodology / Estimation bayésienne des incertitudes au sein d'une modélisation conceptuelle de bilan hydrologique. <i>Hydrological Sciences Journal</i> , 2005 , 50,	3.5	82
377	Copula-based spatio-temporal patterns of precipitation extremes in China. <i>International Journal of Climatology</i> , 2013 , 33, 1140-1152	3.5	80
376	Spatial interpolation of daily precipitation in China: 1951-2005. <i>Advances in Atmospheric Sciences</i> , 2010 , 27, 1221-1232	2.9	80
375	Regional frequency analysis of rainfall extremes in Southern Malawi using the index rainfall and L-moments approaches. <i>Stochastic Environmental Research and Risk Assessment</i> , 2011 , 25, 939-955	3.5	78
374	Estimating uncertainty and its temporal variation related to global climate models in quantifying climate change impacts on hydrology. <i>Journal of Hydrology</i> , 2018 , 556, 10-24	6	78
373	Reference evapotranspiration changes in China: natural processes or human influences?. <i>Theoretical and Applied Climatology</i> , 2011 , 103, 479-488	3	76
372	Comparison of the global TRMM and WFD precipitation datasets in driving a large-scale hydrological model in southern Africa 2013 , 44, 770-788		75
371	The response of lake area and vegetation cover variations to climate change over the Qinghai-Tibetan Plateau during the past 30years. <i>Science of the Total Environment</i> , 2018 , 635, 443-451	10.2	71
370	Multiscale variability of sediment load and streamflow of the lower Yangtze River basin: Possible causes and implications. <i>Journal of Hydrology</i> , 2009 , 368, 96-104	6	69
369	A reservoir flood forecasting and control system for China / Un système chinois de prévision et de contrôle de crue en barrage. <i>Hydrological Sciences Journal</i> , 2004 , 49,	3.5	65

368	Deriving Reservoir Refill Operating Rules by Using the Proposed DPNS Model. <i>Water Resources Management</i> , 2006 , 20, 337-357	3.7	64
367	Assessing the performance of satellite-based precipitation products and its dependence on topography over Poyang Lake basin. <i>Theoretical and Applied Climatology</i> , 2014 , 115, 713-729	3	62
366	Multi-model ensemble projections in temperature and precipitation extremes of the Tibetan Plateau in the 21st century. <i>Global and Planetary Change</i> , 2012 , 80-81, 1-13	4.2	62
365	Changes of temperature extremes for 1960-2004 in Far-West China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009 , 23, 721-735	3.5	62
364	Multifractal detrended fluctuation analysis of streamflow series of the Yangtze River basin, China. <i>Hydrological Processes</i> , 2008 , 22, 4997-5003	3.3	62
363	Influence of ENSO on precipitation in the East River basin, south China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 2207-2219	4.4	61
362	Joint Operation of the Multi-Reservoir System of the Three Gorges and the Qingjiang Cascade Reservoirs. <i>Energies</i> , 2011 , 4, 1036-1050	3.1	61
361	Deriving Optimal Refill Rules for Multi-Purpose Reservoir Operation. <i>Water Resources Management</i> , 2011 , 25, 431-448	3.7	61
360	Hydrologic alteration along the Middle and Upper East River (Dongjiang) basin, South China: a visually enhanced mining on the results of RVA method. <i>Stochastic Environmental Research and Risk Assessment</i> , 2010 , 24, 9-18	3.5	61
359	Regional flood frequency and spatial patterns analysis in the Pearl River Delta region using L-moments approach. <i>Stochastic Environmental Research and Risk Assessment</i> , 2010 , 24, 165-182	3.5	61
358	Statistical downscaling of extreme daily precipitation, evaporation, and temperature and construction of future scenarios. <i>Hydrological Processes</i> , 2012 , 26, 3510-3523	3.3	60
357	Joint operation and dynamic control of flood limiting water levels for mixed cascade reservoir systems. <i>Journal of Hydrology</i> , 2014 , 519, 248-257	6	59
356	Statistical Analysis of Parameters and Residuals of a Conceptual Water Balance Model □ Methodology and Case Study. <i>Water Resources Management</i> , 2001 , 15, 75-92	3.7	59
355	Spatial and temporal characteristics of actual evapotranspiration over Haihe River basin in China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2012 , 26, 655-669	3.5	58
354	Deriving multiple near-optimal solutions to deterministic reservoir operation problems. <i>Water Resources Research</i> , 2011 , 47,	5.4	58
353	Comparison of four nonstationary hydrologic design methods for changing environment. <i>Journal of Hydrology</i> , 2017 , 551, 132-150	6	57
352	Regional analysis of low flow using L-moments for Dongjiang basin, South China. <i>Hydrological Sciences Journal</i> , 2006 , 51, 1051-1064	3.5	57
351	Statistical and hydrological evaluation of the latest Integrated Multi-satellite Retrievals for GPM (IMERG) over a midlatitude humid basin in South China. <i>Atmospheric Research</i> , 2018 , 214, 418-429	5.4	55

350	Uncertainty Intercomparison of Different Hydrological Models in Simulating Extreme Flows. <i>Water Resources Management</i> , 2013 , 27, 1393-1409	3.7	55
349	Joint Operation and Dynamic Control of Flood Limiting Water Levels for Cascade Reservoirs. <i>Water Resources Management</i> , 2013 , 27, 749-763	3.7	55
348	A new seasonal design flood method based on bivariate joint distribution of flood magnitude and date of occurrence. <i>Hydrological Sciences Journal</i> , 2010 , 55, 1264-1280	3.5	55
347	Statistical downscaling of daily precipitation over Sweden using GCM output. <i>Theoretical and Applied Climatology</i> , 2009 , 96, 95-103	3	55
346	Prediction of variability of precipitation in the Yangtze River Basin under the climate change conditions based on automated statistical downscaling. <i>Stochastic Environmental Research and Risk Assessment</i> , 2012 , 26, 157-176	3.5	54
345	Entropy theory based multi-criteria resampling of rain gauge networks for hydrological modelling □ A case study of humid area in southern China. <i>Journal of Hydrology</i> , 2015 , 525, 138-151	6	53
344	Decreasing reference evapotranspiration in a warming climate—A case of Changjiang (Yangtze) River catchment during 1970–2000. <i>Advances in Atmospheric Sciences</i> , 2006 , 23, 513-520	2.9	53
343	Multifractal analysis of streamflow records of the East River basin (Pearl River), China. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009 , 388, 927-934	3.3	52
342	Impact of projected climate change on the hydrology in the headwaters of the Yellow River basin. <i>Hydrological Processes</i> , 2015 , 29, 4379-4397	3.3	51
341	Comparison of evapotranspiration variations between the Yellow River and Pearl River basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2011 , 25, 139-150	3.5	51
340	Temporal and spatial patterns of low-flow changes in the Yellow River in the last half century. <i>Stochastic Environmental Research and Risk Assessment</i> , 2010 , 24, 297-309	3.5	51
339	Hydrological projections under climate change in the near future by RegCM4 in Southern Africa using a large-scale hydrological model. <i>Journal of Hydrology</i> , 2015 , 528, 1-16	6	50
338	Design Flood Hydrograph Based on Multicharacteristic Synthesis Index Method. <i>Journal of Hydrologic Engineering - ASCE</i> , 2009 , 14, 1359-1364	1.8	50
337	Development and testing of a new storm runoff routing approach based on time variant spatially distributed travel time method. <i>Journal of Hydrology</i> , 2009 , 369, 44-54	6	50
336	Development and testing of a simple physically-based distributed rainfall-runoff model for storm runoff simulation in humid forested basins. <i>Journal of Hydrology</i> , 2007 , 336, 334-346	6	50
335	Spatial and temporal variations in rainfall erosivity during 1960–2005 in the Yangtze River basin. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013 , 27, 337-351	3.5	49
334	Development of a new IHA method for impact assessment of climate change on flow regime. <i>Global and Planetary Change</i> , 2017 , 156, 68-79	4.2	47
333	Periodicity of sediment load and runoff in the Yangtze River basin and possible impacts of climatic changes and human activities / Périodicité de la charge sédimentaire et de l'écoulement dans le bassin du Fleuve Yangtze et impacts possibles des changements climatiques et des activités humaines. <i>Hydrological Sciences Journal</i> , 2008 , 53, 157-165	3.5	47

332	Operational testing of a water balance model for predicting climate change impacts. <i>Agricultural and Forest Meteorology</i> , 1999 , 98-99, 295-304	5.8	47
331	Frequency analysis of nonstationary annual maximum flood series using the time-varying two-component mixture distributions. <i>Hydrological Processes</i> , 2017 , 31, 69-89	3.3	45
330	A framework of change-point detection for multivariate hydrological series. <i>Water Resources Research</i> , 2015 , 51, 8198-8217	5.4	45
329	Changes of climate extremes in a typical arid zone: Observations and multimodel ensemble projections. <i>Journal of Geophysical Research</i> , 2011 , 116,		45
328	Spatial assessment of hydrologic alteration across the Pearl River Delta, China, and possible underlying causes. <i>Hydrological Processes</i> , 2009 , 23, 1565-1574	3.3	45
327	The changing patterns of floods in Poyang Lake, China: characteristics and explanations. <i>Natural Hazards</i> , 2015 , 76, 651-666	3	44
326	Identifying Explicit Formulation of Operating Rules for Multi-Reservoir Systems Using Genetic Programming. <i>Water Resources Management</i> , 2014 , 28, 1545-1565	3.7	44
325	Modeling actual evapotranspiration with routine meteorological variables in the data-scarce region of the Tibetan Plateau: Comparisons and implications. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015 , 120, 1638-1657	3.7	44
324	Optimal Operation of Multi-reservoir Systems Considering Time-lags of Flood Routing. <i>Water Resources Management</i> , 2016 , 30, 523-540	3.7	43
323	Homogenization of precipitation and flow regimes across China: Changing properties, causes and implications. <i>Journal of Hydrology</i> , 2015 , 530, 462-475	6	43
322	Regionalization study of a conceptual hydrological model in Dongjiang basin, south China. <i>Quaternary International</i> , 2009 , 208, 129-137	2	43
321	Water Resources Under Climate Change in Himalayan Basins. <i>Water Resources Management</i> , 2016 , 30, 843-859	3.7	42
320	Variation of reference evapotranspiration and its contributing climatic factors in the Poyang Lake catchment, China. <i>Hydrological Processes</i> , 2014 , 28, 6151-6162	3.3	42
319	The effect of rain gauge density and distribution on runoff simulation using a lumped hydrological modelling approach. <i>Journal of Hydrology</i> , 2018 , 563, 106-122	6	42
318	Prediction of temperature and precipitation in Sudan and South Sudan by using LARS-WG in future. <i>Theoretical and Applied Climatology</i> , 2013 , 113, 363-375	3	41
317	Deriving joint optimal refill rules for cascade reservoirs with multi-objective evaluation. <i>Journal of Hydrology</i> , 2015 , 524, 166-181	6	39
316	Modified Palmer Drought Severity Index: Model improvement and application. <i>Environment International</i> , 2019 , 130, 104951	12.9	39
315	Spatio-temporal changes of hydrological processes and underlying driving forces in Guizhou region, Southwest China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009 , 23, 1071-1087	3.5	39

314	Assessment of the impact of climate change on flow regime at multiple temporal scales and potential ecological implications in an alpine river. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 1849-1866	3.5	39
313	Assessment of flash flood risk based on improved analytic hierarchy process method and integrated maximum likelihood clustering algorithm. <i>Journal of Hydrology</i> , 2020 , 584, 124696	6	38
312	An improved approach for water quality evaluation: TOPSIS-based informative weighting and ranking (TIWR) approach. <i>Ecological Indicators</i> , 2018 , 89, 356-364	5.8	38
311	Abrupt behaviors of the streamflow of the Pearl River basin and implications for hydrological alterations across the Pearl River Delta, China. <i>Journal of Hydrology</i> , 2009 , 377, 274-283	6	38
310	Temporal variability in stage-discharge relationships. <i>Journal of Hydrology</i> , 2012 , 446-447, 90-102	6	37
309	Analysis and prediction of reference evapotranspiration with climate change in Xiangjiang River Basin, China. <i>Water Science and Engineering</i> , 2015 , 8, 273-281	4	37
308	Spatial and temporal variability of daily precipitation in Haihe River basin, 1958-2007. <i>Journal of Chinese Geography</i> , 2010 , 20, 248-260	3.7	37
307	A distributed monthly hydrological model for integrating spatial variations of basin topography and rainfall. <i>Hydrological Processes</i> , 2007 , 21, 242-252	3.3	37
306	Evaluation of seasonal and spatial variations of lumped water balance model sensitivity to precipitation data errors. <i>Journal of Hydrology</i> , 2006 , 324, 80-93	6	37
305	A two-stage method of quantitative flood risk analysis for reservoir real-time operation using ensemble-based hydrologic forecasts. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015 , 29, 803-813	3.5	36
304	Precipitation extremes in a karst region: a case study in the Guizhou province, southwest China. <i>Theoretical and Applied Climatology</i> , 2010 , 101, 53-65	3	36
303	Multiobjective reservoir operating rules based on cascade reservoir input variable selection method. <i>Water Resources Research</i> , 2017 , 53, 3446-3463	5.4	35
302	Changes of atmospheric water vapor budget in the Pearl River basin and possible implications for hydrological cycle. <i>Theoretical and Applied Climatology</i> , 2010 , 102, 185-195	3	35
301	From GCMs to river flow: a review of downscaling methods and hydrologic modelling approaches		35
300	Improvement and comparison of likelihood functions for model calibration and parameter uncertainty analysis within a Markov chain Monte Carlo scheme. <i>Journal of Hydrology</i> , 2014 , 519, 2202-2214	6	34
299	Impacts of climate change on the Qingjiang Watershed runoff change trend in China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2012 , 26, 847-858	3.5	34
298	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	3.3	34
297	Improving Optimization Efficiency for Reservoir Operation Using a Search Space Reduction Method. <i>Water Resources Management</i> , 2017 , 31, 1173-1190	3.7	33

296	Non-Stationary Annual Maximum Flood Frequency Analysis Using the Norming Constants Method to Consider Non-Stationarity in the Annual Daily Flow Series. <i>Water Resources Management</i> , 2015 , 29, 3615-3633	3.7	33
295	The impacts of climate variability and human activities on streamflow in Bai River basin, northern China 2013 , 44, 875-885		33
294	Uncertainty estimates by Bayesian method with likelihood of AR (1) plus Normal model and AR (1) plus Multi-Normal model in different time-scales hydrological models. <i>Journal of Hydrology</i> , 2011 , 406, 54-65	6	33
293	Downscaling GCMs using the Smooth Support Vector Machine method to predict daily precipitation in the Hanjiang Basin. <i>Advances in Atmospheric Sciences</i> , 2010 , 27, 274-284	2.9	33
292	Recent glacier and lake changes in High Mountain Asia and their relation to precipitation changes. <i>Cryosphere</i> , 2019 , 13, 2977-3005	5.5	33
291	Integrated optimal allocation model for complex adaptive system of water resources management (I): Methodologies. <i>Journal of Hydrology</i> , 2015 , 531, 964-976	6	32
290	Robust stochastic optimization for reservoir operation. <i>Water Resources Research</i> , 2015 , 51, 409-429	5.4	32
289	Stationarity of annual flood peaks during 1951-2010 in the Pearl River basin, China. <i>Journal of Hydrology</i> , 2014 , 519, 3263-3274	6	32
288	Spatiotemporal variations of precipitation regimes across Yangtze River Basin, China. <i>Theoretical and Applied Climatology</i> , 2014 , 115, 703-712	3	32
287	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	10.2	32
286	Evaluation of the FAO Penman-Monteith, Priestley-Taylor and Hargreaves models for estimating reference evapotranspiration in southern Malawi 2013 , 44, 706-722		31
285	Finding Multiple Optimal Solutions to Optimal Load Distribution Problem in Hydropower Plant. <i>Energies</i> , 2012 , 5, 1413-1432	3.1	31
284	Similarity, difference and correlation of meteorological and hydrological drought indices in a humid climate region in the Poyang Lake catchment in China 2016 , 47, 1211-1223		31
283	Blending multi-satellite, atmospheric reanalysis and gauge precipitation products to facilitate hydrological modelling. <i>Journal of Hydrology</i> , 2021 , 593, 125878	6	31
282	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	10.7	30
281	The contribution of internal climate variability to climate change impacts on droughts. <i>Science of the Total Environment</i> , 2019 , 684, 229-246	10.2	30
280	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	6	30
279	A new method for identification of flood seasons using directional statistics. <i>Hydrological Sciences Journal</i> , 2013 , 58, 28-40	3.5	30

278	Regionalisation of physically-based water balance models in Belgium. Application to ungauged catchments. <i>Water Resources Management</i> , 1991 , 5, 199-208	3.7	30
277	Feasibility and uncertainty of using conceptual rainfall-runoff models in design flood estimation 2016 , 47, 701-717		29
276	Does the Hook Structure Constrain Future Flood Intensification Under Anthropogenic Climate Warming?. <i>Water Resources Research</i> , 2021 , 57, e2020WR028491	5.4	29
275	Deriving adaptive operating rules of hydropower reservoirs using time-varying parameters generated by the EnKF. <i>Water Resources Research</i> , 2017 , 53, 6885-6907	5.4	28
274	A comparative study of different objective functions to improve the flood forecasting accuracy 2016 , 47, 718-735		28
273	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
272	Temporal variation and scaling of parameters for a monthly hydrologic model. <i>Journal of Hydrology</i> , 2018 , 558, 290-300	6	27
271	Runoff prediction in ungauged catchments in Norway: comparison of regionalization approaches 2018 , 49, 487-505		27
270	Runoff Responses to Climate and Land Use/Cover Changes under Future Scenarios. <i>Water (Switzerland)</i> , 2017 , 9, 475	3	27
269	A new baseflow separation method based on analytical solutions of the Horton infiltration capacity curve. <i>Hydrological Processes</i> , 2007 , 21, 1719-1736	3.3	27
268	Dependence of regionalization methods on the complexity of hydrological models in multiple climatic regions. <i>Journal of Hydrology</i> , 2020 , 582, 124357	6	27
267	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	6	26
266	Evaluation of reanalysis and satellite-based precipitation datasets in driving hydrological models in a humid region of Southern China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015 , 29, 2003-2020	3.5	26
265	Utility of integrated IMERG precipitation and GLEAM potential evapotranspiration products for drought monitoring over mainland China. <i>Atmospheric Research</i> , 2021 , 247, 105141	5.4	26
264	Multivariate hydrologic design methods under nonstationary conditions and application to engineering practice. <i>Hydrology and Earth System Sciences</i> , 2019 , 23, 1683-1704	5.5	25
263	An advanced complementary scheme of floating photovoltaic and hydropower generation flourishing water-food-energy nexus synergies. <i>Applied Energy</i> , 2020 , 275, 115389	10.7	25
262	Timing of human-induced climate change emergence from internal climate variability for hydrological impact studies 2018 , 49, 421-437		25
261	Links between flood frequency and annual water balance behaviors: A basis for similarity and regionalization. <i>Water Resources Research</i> , 2014 , 50, 937-953	5.4	25

260	Abrupt changes in the discharge and sediment load of the Pearl River, China. <i>Hydrological Processes</i> , 2012 , 26, 1495-1508	3.3	25
259	Spatial and temporal variation of precipitation in Sudan and their possible causes during 1948-2005. <i>Stochastic Environmental Research and Risk Assessment</i> , 2012 , 26, 429-441	3.5	25
258	Changing spatiotemporal patterns of precipitation extremes in China during 2071-2100 based on Earth System Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 12,537-12,555	4.4	25
257	Flood season segmentation based on the probability change-point analysis technique. <i>Hydrological Sciences Journal</i> , 2010 , 55, 540-554	3.5	25
256	Boosting hydropower output of mega cascade reservoirs using an evolutionary algorithm with successive approximation. <i>Applied Energy</i> , 2018 , 228, 1726-1739	10.7	24
255	How do the multiple large-scale climate oscillations trigger extreme precipitation?. <i>Global and Planetary Change</i> , 2017 , 157, 48-58	4.2	24
254	Trend and concentration characteristics of precipitation and related climatic teleconnections from 1982 to 2010 in the Beas River basin, India. <i>Global and Planetary Change</i> , 2016 , 145, 116-129	4.2	24
253	Identifying time-varying hydrological model parameters to improve simulation efficiency by the ensemble Kalman filter: A joint assimilation of streamflow and actual evapotranspiration. <i>Journal of Hydrology</i> , 2019 , 568, 758-768	6	24
252	Hydrological uncertainty processor based on a copula function. <i>Hydrological Sciences Journal</i> , 2018 , 63, 74-86	3.5	23
251	Similarity and difference of global reanalysis datasets (WFD and APHRODITE) in driving lumped and distributed hydrological models in a humid region of China. <i>Journal of Hydrology</i> , 2016 , 542, 343-356	6	23
250	Observational evidence of summer precipitation deficit-temperature coupling in China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 10,040	4.4	23
249	Modelling catchment inflows into Lake Victoria: regionalisation of the parameters of a conceptual water balance model 2013 , 44, 789-808		23
248	Quantifying the Human Induced Water Level Decline of China's Largest Freshwater Lake from the Changing Underlying Surface in the Lake Region. <i>Water Resources Management</i> , 2018 , 32, 1467-1482	3.7	22
247	A modeling study of the influences of Yangtze River and local catchment on the development of floods in Poyang Lake, China 2016 , 47, 102-119		22
246	Abrupt behaviours of streamflow and sediment load variations of the Yangtze River basin, China. <i>Hydrological Processes</i> , 2013 , 27, 444-452	3.3	22
245	Validation of a new meteorological forcing data in analysis of spatial and temporal variability of precipitation in India. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014 , 28, 239-252	3.5	22
244	Multiscale streamflow variations of the Pearl River basin and possible implications for the water resource management within the Pearl River Delta, China. <i>Quaternary International</i> , 2010 , 226, 44-53	2	22
243	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	6	21

242	Optimal Design of Seasonal Flood Limited Water Levels by Jointing Operation of the Reservoir and Floodplains. <i>Water Resources Management</i> , 2018 , 32, 179-193	3.7	21
241	Evaluation of the effect of land use/cover change on flood characteristics using an integrated approach coupling land and flood analysis 2016 , 47, 1161-1171		21
240	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	5.5	21
239	Flood frequency under changing climate in the upper Kafue River basin, southern Africa: a large scale hydrological model application. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013 , 27, 1883-1898	3.5	21
238	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
237	Transferability of climate simulation uncertainty to hydrological impacts. <i>Hydrology and Earth System Sciences</i> , 2018 , 22, 3739-3759	5.5	21
236	Twenty-first-century glacio-hydrological changes in the Himalayan headwater Beas River basin. <i>Hydrology and Earth System Sciences</i> , 2019 , 23, 1483-1503	5.5	20
235	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	10.2	20
234	Drought hazard transferability from meteorological to hydrological propagation. <i>Journal of Hydrology</i> , 2020 , 585, 124761	6	20
233	Derivation of water and power operating rules for multi-reservoirs. <i>Hydrological Sciences Journal</i> , 2016 , 61, 359-370	3.5	20
232	Impacts of Climate Change and Land-Use Change on Hydrological Extremes in the Jinsha River Basin. <i>Water (Switzerland)</i> , 2019 , 11, 1398	3	20
231	Atmospheric moisture budget and floods in the Yangtze River basin, China. <i>Theoretical and Applied Climatology</i> , 2009 , 95, 331-340	3	20
230	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
229	Non-identical models for seasonal flood frequency analysis. <i>Hydrological Sciences Journal</i> , 2007 , 52, 974-991	3.5	20
228	Understanding the discharge regime of a glacierized alpine catchment in the Tianshan Mountains using an improved HBV-D hydrological model. <i>Global and Planetary Change</i> , 2019 , 172, 211-222	4.2	20
227	Stability of model performance and parameter values on two catchments facing changes in climatic conditions. <i>Hydrological Sciences Journal</i> , 2015 , 60, 1317-1330	3.5	19
226	Statistics for sample splitting for the calibration and validation of hydrological models. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 3099-3116	3.5	19
225	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	10.2	19

224	Derivation of operation rules for reservoirs in parallel with joint water demand. <i>Water Resources Research</i> , 2015 , 51, 9539-9563	5.4	19
223	Implementation and testing of routing algorithms in the distributed Hydrologiska Byråns Vattenbalansavdelning model for mountainous catchments 2014 , 45, 322-333		19
222	The comparison of sensitivity analysis of hydrological uncertainty estimates by GLUE and Bayesian method under the impact of precipitation errors. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014 , 28, 491-504	3.5	19
221	A probabilistic method for streamflow projection and associated uncertainty analysis in a data sparse alpine region. <i>Global and Planetary Change</i> , 2018 , 165, 100-113	4.2	18
220	Flood frequency under the influence of trends in the Pearl River basin, China: changing patterns, causes and implications. <i>Hydrological Processes</i> , 2015 , 29, 1406-1417	3.3	18
219	Systematic evaluation of autoregressive error models as post-processors for a probabilistic streamflow forecast system. <i>Journal of Hydrology</i> , 2011 , 407, 58-72	6	18
218	Quantifying multi-source uncertainties in multi-model predictions using the Bayesian model averaging scheme 2018 , 49, 954-970		17
217	Exploring the hydrological robustness of model-parameter values with alpha shapes. <i>Water Resources Research</i> , 2013 , 49, 6700-6715	5.4	17
216	The Dynamic Control Bound of Flood Limited Water Level Considering Capacity Compensation Regulation and Flood Spatial Pattern Uncertainty. <i>Water Resources Management</i> , 2017 , 31, 143-158	3.7	17
215	Modelling catchment inflows into Lake Victoria: uncertainties in rainfall-runoff modelling for the Nzoia River. <i>Hydrological Sciences Journal</i> , 2011 , 56, 1210-1226	3.5	17
214	Wavelet-based characterization of water level behaviors in the Pearl River estuary, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2010 , 24, 81-92	3.5	17
213	Discharge sensitivity to snowmelt parameterization: a case study for Upper Beas basin in Himachal Pradesh, India 2016 , 47, 683-700		17
212	Incorporating reservoir impacts into flood frequency distribution functions. <i>Journal of Hydrology</i> , 2019 , 568, 234-246	6	17
211	Precipitation pattern in the Western Himalayas revealed by four datasets. <i>Hydrology and Earth System Sciences</i> , 2018 , 22, 5097-5110	5.5	17
210	Integrated optimal allocation model for complex adaptive system of water resources management (II): Case study. <i>Journal of Hydrology</i> , 2015 , 531, 977-991	6	16
209	Changing structure of the precipitation process during 1960-2005 in Xinjiang, China. <i>Theoretical and Applied Climatology</i> , 2012 , 110, 229-244	3	16
208	Coupled Hydraulic and Kalman Filter Model for Real-Time Correction of Flood Forecast in the Three Gorges Interzone of Yangtze River, China. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013 , 18, 1416-1425	1.8	16
207	Understanding the Changing Characteristics of Droughts in Sudan and the Corresponding Components of the Hydrologic Cycle. <i>Journal of Hydrometeorology</i> , 2012 , 13, 1520-1535	3.7	16

206	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	10.2	16
205	Transferability of regionalization methods under changing climate. <i>Journal of Hydrology</i> , 2019 , 568, 67-86		16
204	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	6	15
203	DEM-based numerical modelling of runoff and soil erosion processes in the hilly gully loess regions. <i>Stochastic Environmental Research and Risk Assessment</i> , 2012 , 26, 581-597	3.5	15
202	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	6	15
201	A process-based insight into nonstationarity of the probability distribution of annual runoff. <i>Water Resources Research</i> , 2017 , 53, 4214-4235	5.4	14
200	Observed and simulated changes in the water balance components over Malawi, during 1971-2000. <i>Quaternary International</i> , 2015 , 369, 7-16	2	14
199	Responses of Precipitation and Runoff to Climate Warming and Implications for Future Drought Changes in China. <i>Earth's Future</i> , 2020 , 8, e2020EF001718	7.9	14
198	Toward Improved Calibration of SWAT Using Season-Based Multi-Objective Optimization: a Case Study in the Jinjiang Basin in Southeastern China. <i>Water Resources Management</i> , 2018 , 32, 1193-1207	3.7	14
197	Spatio-temporal characteristics of the extreme precipitation by L-moment-based index-flood method in the Yangtze River Delta region, China. <i>Theoretical and Applied Climatology</i> , 2016 , 124, 1005-1022	3.22	14
196	Development and comparison in uncertainty assessment based Bayesian modularization method in hydrological modeling. <i>Journal of Hydrology</i> , 2013 , 486, 384-394	6	14
195	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	6	13
194	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	3	13
193	Reducing lake water-level decline by optimizing reservoir operating rule curves: A case study of the Three Gorges Reservoir and the Dongting Lake. <i>Journal of Cleaner Production</i> , 2020 , 264, 121676	10.3	13
192	Transferability of Conceptual Hydrological Models Across Temporal Resolutions: Approach and Application. <i>Water Resources Management</i> , 2018 , 32, 1367-1381	3.7	13
191	Conditional Value-at-Risk for Nonstationary Streamflow and Its Application for Derivation of the Adaptive Reservoir Flood Limited Water Level. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2018 , 144, 04018005	2.8	13
190	Assessing the impact of human activities on hydrological and sediment changes (1953-2000) in nine major catchments of the Loess Plateau, China. <i>River Research and Applications</i> , 2010 , 26, 322-340	2.3	13
189	The impact of Three Gorges Reservoir refill operation on water levels in Poyang Lake, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017 , 31, 879-891	3.5	12

188	Relative Importance Analysis of a Refined Multi-parameter Phosphorus Index Employed in a Strongly Agriculturally Influenced Watershed. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	12
187	Analysis of Poyang Lake water balance and its indication of river-lake interaction. <i>SpringerPlus</i> , 2016 , 5, 1555		12
186	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	5.5	12
185	Daily Runoff Forecasting Model Based on ANN and Data Preprocessing Techniques. <i>Water (Switzerland)</i> , 2015 , 7, 4144-4160	3	12
184	Investigation of the Variability and Implications of Meteorological Dry/Wet Conditions in the Poyang Lake Catchment, China, during the Period 1960-2010. <i>Advances in Meteorology</i> , 2015 , 2015, 1-11	1.7	12
183	Scaling properties of the runoff variations in the arid and semi-arid regions of China: a case study of the Yellow River basin. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009 , 23, 1103-1111	3.5	12
182	Simulating the integrated effects of topography and soil properties on runoff generation in hilly forested catchments, South China. <i>Hydrological Processes</i> , 2010 , 24, 714-725	3.3	12
181	Multifractal analysis of measure representation of flood/drought grade series in the Yangtze Delta, China, during the past millennium and their fractal model simulation. <i>International Journal of Climatology</i> , 2010 , 30, 450-457	3.5	12
180	Estimation of Monthly River Discharge from Danish Catchments 2003 , 34, 295-320		12
179	Impacts of climate change and LULC change on runoff in the Jinsha River Basin. <i>Journal of Chinese Geography</i> , 2020 , 30, 85-102	3.7	12
178	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	7.9	12
177	Evaluation of TRMM Multisatellite Precipitation Analysis in the Yangtze River Basin with a Typical Monsoon Climate. <i>Advances in Meteorology</i> , 2016 , 2016, 1-13	1.7	12
176	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	10.2	12
175	A progressive segmented optimization algorithm for calibrating time-variant parameters of the snowmelt runoff model (SRM). <i>Journal of Hydrology</i> , 2018 , 566, 470-483	6	12
174	Multiple causes of nonstationarity in the Weihe annual low-flow series. <i>Hydrology and Earth System Sciences</i> , 2018 , 22, 1525-1542	5.5	12
173	Robust Meteorological Drought Prediction Using Antecedent SST Fluctuations and Machine Learning. <i>Water Resources Research</i> , 2021 , 57, e2020WR029413	5.4	12
172	Spatial and Temporal Characterization of Drought Events in China Using the Severity-Area-Duration Method. <i>Water (Switzerland)</i> , 2020 , 12, 230	3	11
171	Evaluating functions of reservoirs' storage capacities and locations on daily peak attenuation for Ganjiang River Basin using Xinanjiang model. <i>Chinese Geographical Science</i> , 2016 , 26, 789-802	2.9	11

170	Evaluating Consistency between the Remotely Sensed Soil Moisture and the Hydrological Model-Simulated Soil Moisture in the Qujiang Catchment of China. <i>Water (Switzerland)</i> , 2018 , 10, 291	3	11
169	A general framework of design flood estimation for cascade reservoirs in operation period. <i>Journal of Hydrology</i> , 2019 , 577, 124003	6	11
168	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	5	11
167	Imbalanced land surface water budgets in a numerical weather prediction system. <i>Geophysical Research Letters</i> , 2015 , 42, 4411-4417	4.9	11
166	Statistical properties of the temperature, relative humidity, and net solar radiation in the Blue Nile-eastern Sudan region. <i>Theoretical and Applied Climatology</i> , 2010 , 101, 397-409	3	11
165	Bias nonstationarity of global climate model outputs: The role of internal climate variability and climate model sensitivity. <i>International Journal of Climatology</i> , 2019 , 39, 2278-2294	3.5	11
164	Simulation of Dualistic Hydrological Processes Affected by Intensive Human Activities Based on Distributed Hydrological Model. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2018 , 144, 04018077	2.8	11
163	Using raw regional climate model outputs for quantifying climate change impacts on hydrology. <i>Hydrological Processes</i> , 2017 , 31, 4398-4413	3.3	10
162	Impacts of Using State-of-the-Art Multivariate Bias Correction Methods on Hydrological Modeling Over North America. <i>Water Resources Research</i> , 2020 , 56, e2019WR026659	5.4	10
161	Application of Water Balance Models to Different Climatic Regions in China for Water Resources Assessment. <i>Water Resources Management</i> , 1997 , 11, 51-67	3.7	10
160	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 2020 , 51, 272-289		10
159	The exploration of a Temporal Convolutional Network combined with Encoder-Decoder framework for runoff forecasting 2020 , 51, 1136-1149		10
158	Comparison of spatial interpolation methods for the estimation of precipitation patterns at different time scales to improve the accuracy of discharge simulations 2020 , 51, 583-601		10
157	Probabilistic prediction in ungauged basins (PUB) based on regional parameter estimation and Bayesian model averaging 2016 , 47, 1087-1103		10
156	Stream temperature response to climate change and water diversion activities. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 1397-1413	3.5	10
155	Evaluation and Bias Correction of S2S Precipitation for Hydrological Extremes. <i>Journal of Hydrometeorology</i> , 2019 , 20, 1887-1906	3.7	9
154	Performance of Post-Processed Methods in Hydrological Predictions Evaluated by Deterministic and Probabilistic Criteria. <i>Water Resources Management</i> , 2019 , 33, 3289-3302	3.7	9
153	A Censored Shifted Mixture Distribution Mapping Method to Correct the Bias of Daily IMERG Satellite Precipitation Estimates. <i>Remote Sensing</i> , 2019 , 11, 1345	5	9

152	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, 04019010	2.8	9
151	Usage of SIMWE model to model urban overland flood: a case study in Oslo 2020 , 51, 366-380		9
150	Flood Frequency Analysis Using Halphen Distribution and Maximum Entropy. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018 , 23, 04018012	1.8	9
149	Characterization of rainstorm modes along the upper mainstream of Yangtze River during 2003-2016. <i>International Journal of Climatology</i> , 2018 , 38, 1976-1988	3.5	9
148	Relating anomaly correlation to lead time: Clustering analysis of CFSv2 forecasts of summer precipitation in China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 9094-9106	4.4	9
147	Reproducing an extreme flood with uncertain post-event information. <i>Hydrology and Earth System Sciences</i> , 2017 , 21, 3597-3618	5.5	9
146	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
145	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	3.5	9
144	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	5.4	9
143	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	9
142	Rainfall-induced landslide susceptibility assessment using random forest weight at basin scale 2018 , 49, 1363-1378		9
141	Evaluating the Temporal Dynamics of Uncertainty Contribution from Satellite Precipitation Input in Rainfall-Runoff Modeling Using the Variance Decomposition Method. <i>Remote Sensing</i> , 2018 , 10, 1876	5	9
140	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	5	8
139	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	5	8
138	Water balance between surface water and groundwater in the withdrawal process: a case study of the Osceola watershed 2015 , 46, 943-953		8
137	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	3	8
136	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	5	8
135	A procedure for assessing the impacts of land-cover change on soil erosion at basin scale 2016 , 47, 903-918		8

134	Synthetic Impacts of Internal Climate Variability and Anthropogenic Change on Future Meteorological Droughts over China. <i>Water (Switzerland)</i> , 2018 , 10, 1702	3	8
133	Development of load duration curve system in data-scarce watersheds based on a distributed hydrological model 2019 , 50, 886-900		7
132	Detection and attribution of flood responses to precipitation change and urbanization: a case study in Qinhuai River Basin, Southeast China 2020 , 51, 351-365		7
131	Dynamics of hydrological-model parameters: mechanisms, problems and solutions. <i>Hydrology and Earth System Sciences</i> , 2020 , 24, 1347-1366	5.5	7
130	Detection and attribution of abrupt shift in minor periods in human-impacted streamflow. <i>Journal of Hydrology</i> , 2020 , 584, 124637	6	7
129	Determining dynamic water level control boundaries for a multi-reservoir system during flood seasons with considering channel storage. <i>Journal of Flood Risk Management</i> , 2020 , 13, e12586	3.1	7
128	Deriving Optimal Operating Rules of a Multi-Reservoir System Considering Incremental Multi-Agent Benefit Allocation. <i>Water Resources Management</i> , 2018 , 32, 3629-3645	3.7	7
127	Aerosol Optical Depth Over the Nepalese Cryosphere Derived From an Empirical Model. <i>Frontiers in Earth Science</i> , 2019 , 7,	3.5	7
126	Urban water consumption in a rapidly developing flagship megacity of South China: prospective scenarios and implications. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013 , 27, 1359-1370	3.5	7
125	Adaptive reservoir flood limited water level for a changing environment. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	7
124	Variation analysis of precipitation during past 286 years in Beijing area, China, using non-parametric test and wavelet analysis. <i>Hydrological Processes</i> , 2012 , 27, n/a-n/a	3.3	7
123	Variability of water levels and impacts of streamflow changes and human activity within the Pearl River Delta, China. <i>Hydrological Sciences Journal</i> , 2010 , 55, 512-525	3.5	7
122	Grid parameterization of a conceptual distributed hydrological model through integration of a sub-grid topographic index: necessity and practicability. <i>Hydrological Sciences Journal</i> , 2012 , 57, 282-297	3.5	7
121	Temporal and spatial transferabilities of hydrological models under different climates and underlying surface conditions. <i>Journal of Hydrology</i> , 2020 , 591, 125276	6	7
120	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	6	7
119	Considering the Order and Symmetry to Improve the Traditional RVA for Evaluation of Hydrologic Alteration of River Systems. <i>Water Resources Management</i> , 2016 , 30, 5501-5516	3.7	7
118	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	7
117	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	6	7

116	Droughts across China: Drought factors, prediction and impacts. <i>Science of the Total Environment</i> , 2022 , 803, 150018	10.2	7
115	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	5	6
114	Evaluation of global forcing datasets for hydropower inflow simulation in Nepal 2020 , 51, 202-225		6
113	The changing nature and projection of floods across Australia. <i>Journal of Hydrology</i> , 2020 , 584, 124703	6	6
112	Definitions of climatological and discharge days: do they matter in hydrological modelling?. <i>Hydrological Sciences Journal</i> , 2018 , 63, 836-844	3.5	6
111	Partitioning multi-source uncertainties in simulating nitrogen loading in stream water using a coherent, stochastic framework: Application to a rice agricultural watershed in subtropical China. <i>Science of the Total Environment</i> , 2018 , 618, 1298-1313	10.2	6
110	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
109	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	5.4	6
108	Coupling a Markov Chain and Support Vector Machine for At-Site Downscaling of Daily Precipitation. <i>Journal of Hydrometeorology</i> , 2017 , 18, 2385-2406	3.7	6
107	Change of annual extreme water levels and correlation with river discharges in the middle-lower Yangtze River: Characteristics and possible affecting factors. <i>Chinese Geographical Science</i> , 2017 , 27, 325-336	2.9	6
106	Extreme value analysis of annual maximum water levels in the Pearl River Delta, China. <i>Frontiers of Earth Science</i> , 2009 , 3, 154-163		6
105	Impacts of bias nonstationarity of climate model outputs on hydrological simulations 2020 , 51, 925-941		6
104	Glacier variations and their response to climate change in an arid inland river basin of Northwest China. <i>Journal of Arid Land</i> , 2020 , 12, 357-373	2.2	6
103	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	6	6
102	Impacts of Water Resources Allocation on Water Environmental Capacity under Climate Change. <i>Water (Switzerland)</i> , 2021 , 13, 1187	3	6
101	Reply to 'Increases in temperature do not translate to increased flooding'. <i>Nature Communications</i> , 2019 , 10, 5675	17.4	6
100	Characteristics of summer extreme precipitation in the Huai River basin and their relationship with East Asia summer monsoon during 1960-2014. <i>International Journal of Climatology</i> , 2019 , 39, 1555-1570	3.5	6
99	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	5.5	6

98	Tracking the error sources of spatiotemporal differences in TRMM accuracy using error decomposition method 2018 , 49, 1960-1976		6
97	Event and model dependent rainfall adjustments to improve discharge predictions. <i>Hydrological Sciences Journal</i> , 2017 , 62, 232-245	3.5	5
96	Modeling saltwater intrusion using an integrated Bayesian model averaging method in the Pearl River Delta. <i>Journal of Hydroinformatics</i> , 2019 , 21, 1147-1162	2.6	5
95	Heuristic Input Variable Selection in Multi-Objective Reservoir Operation. <i>Water Resources Management</i> , 2020 , 34, 617-636	3.7	5
94	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	6	5
93	Establishment and Validation of an Amended Phosphorus Index: Refined Phosphorus Loss Assessment of an Agriculture Watershed in Northern China. <i>Water, Air, and Soil Pollution</i> , 2014 , 225, 1	2.6	5
92	Short-term flood probability density forecasting using a conceptual hydrological model with machine learning techniques. <i>Journal of Hydrology</i> , 2022 , 604, 127255	6	5
91	Physics-guided deep learning for rainfall-runoff modeling by considering extreme events and monotonic relationships. <i>Journal of Hydrology</i> , 2021 , 603, 127043	6	5
90	Evaluation of baseflow modelling structure in monthly water balance models using 443 Australian catchments. <i>Journal of Hydrology</i> , 2020 , 591, 125572	6	5
89	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	3.1	5
88	Issues influencing accuracy of hydrological modeling in a changing environment. <i>Water Science and Engineering</i> , 2021 , 14, 167-170	4	5
87	On the Linkage between the Extreme Drought and Pluvial Patterns in China and the Large-Scale Atmospheric Circulation. <i>Advances in Meteorology</i> , 2016 , 2016, 1-12	1.7	5
86	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	2.7	5
85	Stimulate hydropower output of mega cascade reservoirs using an improved Kidney Algorithm. <i>Journal of Cleaner Production</i> , 2020 , 244, 118613	10.3	5
84	Identification of flood seasonality using an entropy-based method. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 3021-3035	3.5	5
83	On the Applicability of the Expected Waiting Time Method in Nonstationary Flood Design. <i>Water Resources Management</i> , 2020 , 34, 2585-2601	3.7	4
82	A Markov Chain-Based Bias Correction Method for Simulating the Temporal Sequence of Daily Precipitation. <i>Atmosphere</i> , 2020 , 11, 109	2.7	4
81	Evaluation of flood season segmentation using seasonal exceedance probability measurement after outlier identification in the Three Gorges Reservoir. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 1573-1586	3.5	4

80	Using maximum likelihood to derive various distance-based goodness-of-fit indicators for hydrologic modeling assessment. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 949-966	3.5	4
79	Understanding the Resilience of Soil Moisture Regimes. <i>Water Resources Research</i> , 2019 , 55, 7541-7563	5.4	4
78	Assessing Hydrological and Sedimentation Effects from Bottom Topography Change in a Complex River-Lake System of Poyang Lake, China. <i>Water (Switzerland)</i> , 2019 , 11, 1489	3	4
77	Uncertainty issues of a conceptual water balance model for a semi-arid watershed in north-west of China. <i>Hydrological Processes</i> , 2013 , 27, 304-312	3.3	4
76	The influence of a prolonged meteorological drought on catchment water storage capacity: a hydrological-model perspective. <i>Hydrology and Earth System Sciences</i> , 2020 , 24, 4369-4387	5.5	4
75	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
74	Updating intensity-duration-frequency curves for urban infrastructure design under a changing environment. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021 , 8, e1519	5.7	4
73	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	3	4
72	Terrestrial Water Storage in China: Spatiotemporal Pattern and Driving Factors. <i>Sustainability</i> , 2019 , 11, 6646	3.6	4
71	Rational Function Method for Allocating Water Resources in the Coupled Natural-Human Systems. <i>Water Resources Management</i> , 2019 , 33, 57-73	3.7	4
70	Identifying the Relationship between Assignments of Scenario Weights and their Positions in the Derivation of Reservoir Operating Rules under Climate Change. <i>Water Resources Management</i> , 2019 , 33, 261-279	3.7	4
69	An Analytical Baseflow Coefficient Curve for Depicting the Spatial Variability of Mean Annual Catchment Baseflow. <i>Water Resources Research</i> , 2021 , 57, e2020WR029529	5.4	4
68	Variations of annual and seasonal runoff in Guangdong Province, south China: spatiotemporal patterns and possible causes. <i>Meteorology and Atmospheric Physics</i> , 2015 , 127, 273-288	2	3
67	Transferability of a Conceptual Hydrological Model across Different Temporal Scales and Basin Sizes. <i>Water Resources Management</i> , 2020 , 34, 2953-2968	3.7	3
66	Investigating the downstream sediment load change by an index coupling effective rainfall information with reservoir sediment trapping capacity. <i>Journal of Hydrology</i> , 2020 , 590, 125200	6	3
65	Evaluating the area and position accuracy of surface water paths obtained by flow direction algorithms. <i>Journal of Hydrology</i> , 2020 , 583, 124619	6	3
64	Quantifying the Impact of Compounding Influencing Factors to the Water Level Decline of China's Largest Freshwater Lake. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020 , 146, 0502006	2.8	3
63	Investigation of the complexity of streamflow fluctuations in a large heterogeneous lake catchment in China. <i>Theoretical and Applied Climatology</i> , 2018 , 132, 751-762	3	3

62	Comprehensive evaluation of multiple methods for assessing water resources variability of a lake-river system under the changing environment 2018 , 49, 332-343		3
61	Invigorating hydrological research through journal publications. <i>Hydrological Sciences Journal</i> , 2018 , 63, 1113-1117	3.5	3
60	Comparison of First-Order and Second-Order Derived Moment Approaches in Estimating Annual Runoff Distribution. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018 , 23, 04018034	1.8	3
59	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	3	3
58	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	2.1	3
57	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	3	3
56	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	3	3
55	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	4.4	3
54	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	7.9	3
53	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	5.4	3
52	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	6	3
51	Rainfall-Runoff Processes and Modelling in Regions Characterized by Deficiency in Soil Water Storage. <i>Water (Switzerland)</i> , 2019 , 11, 1858	3	2
50	Selection of an Optimal Distribution Curve for Non-Stationary Flood Series. <i>Atmosphere</i> , 2019 , 10, 31	2.7	2
49	A New Uncertainty Measure for Assessing the Uncertainty Existing in Hydrological Simulation. <i>Water (Switzerland)</i> , 2019 , 11, 812	3	2
48	Simulation of Flow and Agricultural Non-Point Source Pollutant Transport in a Tibetan Plateau Irrigation District. <i>Water (Switzerland)</i> , 2019 , 11, 132	3	2
47	Vegetation's role in controlling long-term response of near ground air temperature to precipitation change in a semi-arid region. <i>Journal of Arid Environments</i> , 2018 , 152, 83-86	2.5	2
46	A generalized concentration curve (GCC) method for storm flow hydrograph prediction in a conceptual linear reservoir-channel cascade 2016 , 47, 932-950		2
45	A real-time operation of the Three Gorges Reservoir with flood risk analysis. <i>Water Science and Technology: Water Supply</i> , 2016 , 16, 551-562	1.4	2

44	Optimal Operation of Cascade Hydropower Plants 2009 ,		2
43	Reply to comment on Development and testing of a new storm runoff routing approach based on time variant spatially distributed travel time method [by Du et al. [Journal of Hydrology 369 (2009) 448-4]. <i>Journal of Hydrology</i> , 2010 , 381, 374-376	6	2
42	Performance dependence of multi-model combination methods on hydrological model calibration strategy and ensemble size. <i>Journal of Hydrology</i> , 2021 , 603, 127065	6	2
41	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 ²	3.5	2
40	A Statistical Vertically Mixed Runoff Model for Regions Featured by Complex Runoff Generation Process. <i>Water (Switzerland)</i> , 2020 , 12, 2324	3	2
39	An improved routing algorithm for a large-scale distributed hydrological model with consideration of underlying surface impact 2020 , 51, 834-853		2
38	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	9.5	2
37	Development of WEP-COR model to simulate land surface water and energy budgets in a cold region 2019 , 50, 99-116		2
36	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	2
35	Joint editorial: Invigorating hydrological research through journal publications. <i>Hydrology and Earth System Sciences</i> , 2018 , 22, 5735-5739	5.5	2
34	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	6	2
33	The Development of a Nonstationary Standardised Streamflow Index Using Climate and Reservoir Indices as Covariates. <i>Water Resources Management</i> , 2022 , 36, 1377-1392	3.7	2
32	Variability and stability of water resource in the arid regions of China: a case study of the Tarim River basin. <i>Frontiers of Earth Science</i> , 2009 , 3, 381-388		1
31	Joint Editorial Invigorating Hydrological Research through Journal Publications. <i>Journal of Hydrology and Hydromechanics</i> , 2018 , 66, 257-260	2.1	1
30	An Integrated Modelling Approach for Flood Simulation in the Urbanized Qinhuai River Basin, China. <i>Water Resources Management</i> , 2020 , 34, 3967-3984	3.7	1
29	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	6.2	1
28	Multi-scale design of the chela of the hermit crab <i>Coenobita brevimanus</i> . <i>Acta Biomaterialia</i> , 2021 , 127, 229-241	10.8	1
27	Finding the Optimal Multimodel Averaging Method for Global Hydrological Simulations. <i>Remote Sensing</i> , 2021 , 13, 2574	5	1

26	An integrated framework of input determination for ensemble forecasts of monthly estuarine saltwater intrusion. <i>Journal of Hydrology</i> , 2021 , 598, 126225	6	1
25	New Methods for the Assessment of Flow Regime Alteration under Climate Change and Human Disturbance. <i>Water (Switzerland)</i> , 2019 , 11, 2435	3	1
24	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	3.5	1
23	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	4.4	1
22	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	3	1
21	Drying in the low-latitude Atlantic Ocean contributed to terrestrial water storage depletion across Eurasia.. <i>Nature Communications</i> , 2022 , 13, 1849	17.4	1
20	Probabilistic interval estimation of design floods under non-stationary conditions by an integrated approach. <i>Hydrology Research</i> , 2022 , 53, 259-278		1
19	Global soil moisture drought identification and responses to natural and anthropogenic forcings. <i>Journal of Hydrology</i> , 2022 , 610, 127993	6	1
18	Emergency Disposal Solution for Control of a Giant Landslide and Dammed Lake in Yangtze River, China. <i>Water (Switzerland)</i> , 2019 , 11, 1939	3	0
17	Nanoindentation Mapping and Bond Strength Study of AdhesiveDentin Interfaces. <i>Advanced Materials Interfaces</i> , 2101327	4.6	0
16	Investigation of inner-basin variation: Impact of large reservoirs on water regimes of downstream water bodies. <i>Hydrological Processes</i> , 2021 , 35, e14241	3.3	0
15	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	3.3	0
14	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	5.5	0
13	A spatiotemporal estimation method for hourly rainfall based on F-SVD in the recommender system. <i>Environmental Modelling and Software</i> , 2021 , 144, 105148	5.2	0
12	Regionalization of catchment hydrological model parameters for global water resources simulations. <i>Hydrology Research</i> , 2022 , 53, 441-466		0
11	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	2.4	0
10	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	6	0
9	Large-scale hydrology: observations and modelling 2013 , 44, 747-747		

8	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> ,1	3.5
7	Joint editorial: Invigorating hydrological research through journal publications. <i>Proceedings of the International Association of Hydrological Sciences</i> ,380, 3-8	
6	A framework for seasonal variations of hydrological model parameters: impact on model results and response to dynamic catchment characteristics. <i>Hydrology and Earth System Sciences</i> , 2020 , 24, 5859-5874	5.5
5	The Climatic Characterization of Reference Evapotranspiration of Beijing Meteorological Station. <i>Lecture Notes in Electrical Engineering</i> , 2012 , 107-114	0.2
4	Assessing the adequacy of bias corrected IMERG satellite precipitation estimates using extended mixture distribution mapping method over Yangtze River basin. <i>MATEC Web of Conferences</i> , 2018 , 246, 01096	0.3
3	Invigorating Hydrological Research through Journal Publications. <i>Journal of Hydrometeorology</i> , 2018 , 19, 1713-1719	3.7
2	Joint Editorial: Invigorating Hydrological Research through Journal Publications. <i>Vadose Zone Journal</i> , 2018 , 17, 180001ed	2.7
1	A framework for determining lowest navigable water levels with nonstationary characteristics. <i>Stochastic Environmental Research and Risk Assessment</i> ,1	3.5