Yongqiang Zhang

List of Publications by Year
in descending order

166	10,492	36303	36028
papers	citations	51 h-index	97 g-index

189	189	189	8612
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Twenty-three unsolved problems in hydrology (UPH) â€“ a community perspective. Hydrological Sciences Journal, 2019, 64, 1141-1158.	2.6	474
2	Determination of daily evaporation and evapotranspiration of winter wheat and maize by large-scale weighing lysimeter and micro-lysimeter. Agricultural and Forest Meteorology, 2002, 111, 109-120.	4.8	466
3	Coupled estimation of 500â€¯m and 8-day resolution global evapotranspiration and gross primary production in 2002â€“2017. Remote Sensing of Environment, 2019, 222, 165-182.	11.0	389
4	Multi-decadal trends in global terrestrial evapotranspiration and its components. Scientific Reports, 2016, 6, 19124.	3.3	384
5	A simple surface conductance model to estimate regional evaporation using MODIS leaf area index and the Penmanâ€Monteith equation. Water Resources Research, 2008, 44, .	4.2	351
6	Water balance modeling over variable time scales based on the Budyko framework â€“ Model development and testing. Journal of Hydrology, 2008, 360, 117-131.	5.4	346
7	Evaluation of global observations-based evapotranspiration datasets and IPCC AR4 simulations. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	312
8	Benchmark products for land evapotranspiration: LandFlux-EVAL multi-data set synthesis. Hydrology and Earth System Sciences, 2013, 17, 3707-3720.	4.9	310
9	Effects of irrigation on water balance, yield and WUE of winter wheat in the North China Plain. Agricultural Water Management, 2006, 85, 211-218.	5.6	309
10	Trends in pan evaporation and reference and actual evapotranspiration across the Tibetan Plateau. Journal of Geophysical Research, 2007, 112, .	3.3	305
11	Effect of soil water deficit on evapotranspiration, crop yield, and water use efficiency in the North China Plain. Agricultural Water Management, 2004, 64, 107-122.	5.6	260
12	Summer soil drying exacerbated by earlier spring greening of northern vegetation. Science Advances, 2020, 6, eaax0255.	10.3	258
13	Effect of precipitation change on water balance and WUE of the winter wheatâ€“summer maize rotation in the North China Plain. Agricultural Water Management, 2010, 97, 1139-1145.	5.6	245
14	Partitioning global land evapotranspiration using CMIP5 models constrained by observations. Nature Climate Change, 2018, 8, 640-646.	18.8	219
15	A soil-water-balance approach to quantify groundwater recharge from irrigated cropland in the North China Plain. Hydrological Processes, 2003, 17, 2011-2031.	2.6	208
16	Relative merits of different methods for runoff predictions in ungauged catchments. Water Resources Research, 2009, 45, .	4.2	200
17	Recent increases in terrestrial carbon uptake at little cost to the water cycle. Nature Communications, 2017, 8, 110.	12.8	186
18	Groundwater recharge from irrigated cropland in the North China Plain: case study of Luancheng County, Hebei Province, 1949â€“2000. Hydrological Processes, 2004, 18, 2289-2302.	2.6	181

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19	Predicting runoff in ungauged catchments by using Xinanjiang model with MODIS leaf area index. Journal of Hydrology, 2009, 370, 155-162.	5.4	145
20	Using longâ€term water balances to parameterize surface conductances and calculate evaporation at 0.05Â° spatial resolution. Water Resources Research, 2010, 46, .	4.2	135
21	Estimating catchment evaporation and runoff using MODIS leaf area index and the Penmanâ€Monteith equation. Water Resources Research, 2008, 44, .	4.2	119
22	Separating effects of vegetation change and climate variability using hydrological modelling and sensitivity-based approaches. Journal of Hydrology, 2012, 420-421, 403-418.	5.4	119
23	Lags in hydrologic recovery following an extreme drought: Assessing the roles of climate and catchment characteristics. Water Resources Research, 2017, 53, 4821-4837.	4.2	112
24	Quantifying the effects of climate trends in the past 43Âyears (1961â€“2003) on crop growth and water demand in the North China Plain. Climatic Change, 2010, 100, 559-578.	3.6	109
25	The impact of climate change on runoff in the southeastern Tibetan Plateau. Journal of Hydrology, 2013, 505, 188-201.	5.4	105
26	Use of Remotely Sensed Actual Evapotranspiration to Improve Rainfallâ€“Runoff Modeling in Southeast Australia. Journal of Hydrometeorology, 2009, 10, 969-980.	1.9	104
27	Evaluating relative merits of four baseflow separation methods in Eastern Australia. Journal of Hydrology, 2017, 549, 252-263.	5.4	100
28	Use of satellite leaf area index estimating evapotranspiration and gross assimilation for Australian ecosystems. Ecohydrology, 2018, 11, e1974.	2.4	100
29	Calibration of Terra/MODIS gross primary production over an irrigated cropland on the North China Plain and an alpine meadow on the Tibetan Plateau. Global Change Biology, 2008, 14, 757-767.	9.5	93
30	Regionalization of hydrological modeling for predicting streamflow in ungauged catchments: A comprehensive review. Wiley Interdisciplinary Reviews: Water, 2021, 8, .	6.5	90
31	Decadal Trends in Evaporation from Global Energy and Water Balances. Journal of Hydrometeorology, 2012, 13, 379-391.	1.9	89
32	Calibrationâ€Free Complementary Relationship Estimates Terrestrial Evapotranspiration Globally. Water Resources Research, 2021, 57, e2021WR029691.	4.2	89
33	Simulation of the Stomatal Conductance of Winter Wheat in Response to Light, Temperature and CO2 Changes. Annals of Botany, 2004, 93, 435-441.	2.9	88
34	Increasing Tibetan Plateau terrestrial evapotranspiration primarily driven by precipitation. Agricultural and Forest Meteorology, 2022, 317, 108887.	4.8	88
35	A robust method for reconstructing global MODIS EVI time series on the Google Earth Engine. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 155, 13-24.	11.1	87
36	Assessing the Impacts of Vegetation Greenness Change on Evapotranspiration and Water Yield in China. Water Resources Research, 2020, 56, e2019WR027019.	4.2	84

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37	Predicting Runoff Signatures Using Regression and Hydrological Modeling Approaches. Water Resources Research, 2018, 54, 7859-7878.	4.2	79
38	Actual evapotranspiration estimation by ground and remote sensing methods: the Australian experience. Hydrological Processes, 2011, 25, 4103-4116.	2.6	77
39	The transferability of hydrological models under nonstationary climatic conditions. Hydrology and Earth System Sciences, 2012, 16, 1239-1254.	4.9	77
40	Global variation of transpiration and soil evaporation and the role of their major climate drivers. Journal of Geophysical Research D: Atmospheres, 2017, 122, 6868-6881.	3.3	77
41	Integration of MODIS data into a simple model for the spatial distributed simulation of soil water content and evapotranspiration. Remote Sensing of Environment, 2006, 104, 393-408.	11.0	74
42	Impacts of climate change and reservoir operation on streamflow and flood characteristics in the Lancang-Mekong River Basin. Journal of Hydrology, 2020, 590, 125472.	5.4	71
43	Predicting hydrological signatures in ungauged catchments using spatial interpolation, index model, and rainfallâ€“runoff modelling. Journal of Hydrology, 2014, 517, 936-948.	5.4	64
44	Evaluating Regional and Global Hydrological Models against Streamflow and Evapotranspiration Measurements. Journal of Hydrometeorology, 2016, 17, 995-1010.	1.9	62
45	Runoff predictions in ungauged catchments in southeast Tibetan Plateau. Journal of Hydrology, 2014, 511, 28-38.	5.4	61
46	Benchmarking global land surface models against the observed mean annual runoff from 150 large basins. Journal of Hydrology, 2012, 470-471, 269-279.	5.4	59
47	Disconnection Between Trends of Atmospheric Drying and Continental Runoff. Water Resources Research, 2018, 54, 4700-4713.	4.2	58
48	Monthly and seasonal streamflow forecasts using rainfallâ€runoff modeling and historical weather data. Water Resources Research, 2011, 47, .	4.2	57
49	Streamflow change on the Qinghai-Tibet Plateau and its impacts. Chinese Science Bulletin, 2019, 64, 2807-2821.	0.7	57
50	Characterizing the dynamics of soil organic carbon in grasslands on the Qinghai-Tibetan Plateau. Science in China Series D: Earth Sciences, 2007, 50, 113-120.	0.9	55
51	Can Remotely Sensed Actual Evapotranspiration Facilitate Hydrological Prediction in Ungauged Regions Without Runoff Calibration?. Water Resources Research, 2020, 56, e2019WR026236.	4.2	55
52	Both climate and socioeconomic drivers contribute to vegetation greening of the Loess Plateau. Science Bulletin, 2021, 66, 1160-1163.	9.0	53
53	Decadal water storage decrease driven by vegetation changes in the Yellow River Basin. Science Bulletin, 2020, 65, 1859-1861.	9.0	51
54	Potential role of permafrost thaw on increasing Siberian river discharge. Environmental Research Letters, 2021, 16, 034046.	5.2	51

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55	Measurement and analysis of evapotranspiration and surface conductance of a wheat canopy. Hydrological Processes, 2002, 16, 2173-2187.	2.6	50
56	Sensitivity of inferred climate model skill to evaluation decisions: a case study using CMIP5 evapotranspiration. Environmental Research Letters, 2013, 8, 024028.	5.2	50
57	Hydrological effects of climate variability and vegetation dynamics on annual fluvial water balance in global large river basins. Hydrology and Earth System Sciences, 2018, 22, 4047-4060.	4.9	48
58	Estimating annual runoff in response to forest change: A statistical method based on random forest. Journal of Hydrology, 2020, 589, 125168.	5.4	47
59	Using Remote Sensing Dataâ€Based Hydrological Model Calibrations for Predicting Runoff in Ungauged or Poorly Gauged Catchments. Water Resources Research, 2020, 56, e2020WR028205.	4.2	45
60	Did water-saving irrigation protect water resources over the past 40 years? A global analysis based on water accounting framework. Agricultural Water Management, 2021, 249, 106793.	5.6	44
61	Performance of four state-of-the-art GPP products (VPM, MOD17, BESS and PML) for grasslands in drought years. Ecological Informatics, 2020, 56, 101052.	5.2	42
62	Quantifying the Impacts of Anthropogenic Activities and Climate Variations on Vegetation Productivity Changes in China from 1985 to 2015. Remote Sensing, 2020, 12, 1113.	4.0	42
63	Comparing flow duration curve and rainfallâ€“runoff modelling for predicting daily runoff in ungauged catchments. Journal of Hydrology, 2015, 525, 72-86.	5.4	41
64	Reconstructed natural runoff helps to quantify the relationship between upstream water use and downstream water scarcity in China's river basins. Hydrology and Earth System Sciences, 2019, 23, 2491-2505.	4.9	40
65	Partitioning the contributions of glacier melt and precipitation to the 1971â€“2010 runoff increases in a headwater basin of the Tarim River. Journal of Hydrology, 2020, 583, 124579.	5.4	40
66	Measurement of evapotranspiration in a winter wheat field. Hydrological Processes, 2002, 16, 2805-2817.	2.6	37
67	Improving runoff estimates using remote sensing vegetation data for bushfire impacted catchments. Agricultural and Forest Meteorology, 2013, 182-183, 332-341.	4.8	36
68	Incorporating vegetation dynamics noticeably improved performance of hydrological model under vegetation greening. Science of the Total Environment, 2018, 643, 610-622.	8.0	36
69	Seasonal variation of energy partitioning in irrigated lands. Hydrological Processes, 2004, 18, 2223-2234.	2.6	35
70	Streamflow rating uncertainty: Characterisation and impacts on model calibration and performance. Environmental Modelling and Software, 2015, 63, 32-44.	4.5	35
71	Regionalising rainfall-runoff modelling for predicting daily runoff: Comparing gridded spatial proximity and gridded integrated similarity approaches against their lumped counterparts. Journal of Hydrology, 2017, 550, 279-293.	5.4	35
72	Evaluating Surface Water Cycle Simulated by the Australian Community Land Surface Model (CABLE) across Different Spatial and Temporal Domains. Journal of Hydrometeorology, 2013, 14, 1119-1138.	1.9	34

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73	LUCCâ€Driven Changes in Gross Primary Production and Actual Evapotranspiration in Northern China. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031705.	3.3	33
74	Estimation of Winter Wheat Evapotranspiration under Water Stress with Two Semiempirical Approaches. Agronomy Journal, 2004, 96, 159.	1.8	32
75	Energy fluxes and the Priestleyâ€“Taylor parameter over winter wheat and maize in the North China Plain. Hydrological Processes, 2004, 18, 2235-2246.	2.6	32
76	The impact of climate change on runoff in the Yarlung Tsangpo River basin in the Tibetan Plateau. Stochastic Environmental Research and Risk Assessment, 2014, 28, 517-526.	4.0	31
77	Landscape patches influencing hillslope erosion processes and flow hydrodynamics. Geoderma, 2019, 353, 391-400.	5.1	31
78	Ground observed climatology and trend in snow cover phenology across China with consideration of snow-free breaks. Climate Dynamics, 2020, 55, 2867-2887.	3.8	31
79	Large-scale baseflow index prediction using hydrological modelling, linear and multilevel regression approaches. Journal of Hydrology, 2020, 585, 124780.	5.4	31
80	Impacts of anthropogenic warming and uneven regional socio-economic development on global river flood risk. Journal of Hydrology, 2020, 590, 125262.	5.4	29
81	Simulation of rice biomass accumulation by an extended logistic model including influence of meteorological factors. International Journal of Biometeorology, 2002, 46, 185-191.	3.0	28
82	Partitioning the variance between space and time. Geophysical Research Letters, 2010, 37, .	4.0	28
83	Investigating Relationships Between Australian Flooding and Largeâ€Scale Climate Indices and Possible Mechanism. Journal of Geophysical Research D: Atmospheres, 2018, 123, 8708-8723.	3.3	28
84	Multi-temporal clustering of continental floods and associated atmospheric circulations. Journal of Hydrology, 2017, 555, 744-759.	5.4	27
85	Coal mining impacts on catchment runoff. Journal of Hydrology, 2020, 589, 125101.	5.4	27
86	Evaluation of anomalies in GLDAS-1996 dataset. Water Science and Technology, 2013, 67, 1718-1727.	2.5	26
87	How good are hydrological models for gap-filling streamflow data?. Hydrology and Earth System Sciences, 2018, 22, 4593-4604.	4.9	26
88	Effects of conditional parameterization on performance of rainfallâ€runoff model regarding hydrologic nonâ€stationarity. Hydrological Processes, 2012, 26, 3953-3961.	2.6	25
89	Impact of bushfire and climate variability on streamflow from forested catchments in southeast Australia. Hydrological Sciences Journal, 2015, 60, 1340-1360.	2.6	25
90	A global quantitation of factors affecting evapotranspiration variability. Journal of Hydrology, 2020, 584, 124688.	5.4	25

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91	Greening-induced increase in evapotranspiration over Eurasia offset by CO₂-induced vegetational stomatal closure. Environmental Research Letters, 2021, 16, 124008.	5.2	25
92	Photoperiod Explains the Asynchronization Between Vegetation Carbon Phenology and Vegetation Greenness Phenology. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005636.	3.0	24
93	Evaluating the uncertainty of eight approaches for separating the impacts of climate change and human activities on streamflow. Journal of Hydrology, 2021, 601, 126605.	5.4	23
94	Predicting Surface Runoff from Catchment to Large Region. Advances in Meteorology, 2015, 2015, 1-13.	1.6	22
95	The pattern, change and driven factors of vegetation cover in the Qin Mountains region. Scientific Reports, 2020, 10, 20591.	3.3	22
96	phenofit: An R package for extracting vegetation phenology from time series remote sensing. Methods in Ecology and Evolution, 2022, 13, 1508-1527.	5.2	22
97	A composite drought index developed for detecting large-scale drought characteristics. Journal of Hydrology, 2022, 605, 127308.	5.4	21
98	Validity of the Bouchetâ€™s complementary relationship at 102 observatories across China. Science in China Series D: Earth Sciences, 2009, 52, 708-713.	0.9	20
99	Deducing Climatic Elasticity to Assess Projected Climate Change Impacts on Streamflow Change across China. Journal of Geophysical Research D: Atmospheres, 2017, 122, 10,228.	3.3	20
100	Detecting changes in irrigation water requirement in Central Asia under CO2 fertilization and land use changes. Journal of Hydrology, 2020, 583, 124315.	5.4	20
101	Drought indices: aggregation is necessary or is it only the researcher's choice?. Water Science and Technology: Water Supply, 2021, 21, 3987-4002.	2.1	20
102	Selecting hydrological models for developing countries: Perspective of global, continental, and country scale models over catchment scale models. Journal of Hydrology, 2021, 600, 126561.	5.4	20
103	Contrasting effects of climate and LULC change on blue water resources at varying temporal and spatial scales. Science of the Total Environment, 2021, 786, 147488.	8.0	19
104	Estimating hydrological consequences of vegetation greening. Journal of Hydrology, 2022, 611, 128018.	5.4	18
105	Simulating flash flood hydrographs and behavior metrics across China: Implications for flash flood management. Science of the Total Environment, 2021, 763, 142977.	8.0	17
106	A 1â€‰km daily surface soil moisture dataset of enhanced coverage under all-weather conditions over China in 2003â€“2019. Earth System Science Data, 2022, 14, 2613-2637.	9.9	17
107	A framework estimating cumulative impact of damming on downstream water availability. Journal of Hydrology, 2019, 575, 612-627.	5.4	16
108	The use of lysimeter data for the test of two soil-water balance models: A case study. Journal of Plant Nutrition and Soil Science, 2008, 171, 762-776.	1.9	15

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109	Estimation of soil water content and evapotranspiration from irrigated cropland on the North China Plain. Journal of Plant Nutrition and Soil Science, 2008, 171, 751-761.	1.9	15
110	Contrasting runoff trends between dry and wet parts of eastern Tibetan Plateau. Scientific Reports, 2017, 7, 15458.	3.3	15
111	Comparative Study of Two State-of-the-Art Semi-Distributed Hydrological Models. Water (Switzerland), 2019, 11, 871.	2.7	15
112	Coal Mining Impacts on Baseflow Detected Using Paired Catchments. Water Resources Research, 2020, 56, e2019WR025770.	4.2	15
113	Can Indirect Evaluation Methods and Their Fusion Products Reduce Uncertainty in Actual Evapotranspiration Estimates?. Water Resources Research, 2022, 58, .	4.2	15
114	Climate Variability and Climate Change Impacts on Land Surface, Hydrological Processes and Water Management. Water (Switzerland), 2019, 11, 1492.	2.7	14
115	Assessment of high-resolution satellite rainfall products over a gradually elevating mountainous terrain based on a high-density rain gauge network. International Journal of Remote Sensing, 2020, 41, 5620-5644.	2.9	14
116	An integrated algorithm for estimating regional latent heat flux and daily evapotranspiration. International Journal of Remote Sensing, 2006, 27, 129-152.	2.9	13
117	Determining the initial spatial extent of an environmental impact assessment with a probabilistic screening methodology. Environmental Modelling and Software, 2018, 109, 353-367.	4.5	13
118	Using hydrological modelling and data-driven approaches to quantify mining activities impacts on centennial streamflow. Journal of Hydrology, 2020, 585, 124764.	5.4	13
119	Responses of LAI to rainfall explain contrasting sensitivities to carbon uptake between forest and non-forest ecosystems in Australia. Scientific Reports, 2017, 7, 11720.	3.3	12
120	Comparison of Two Approaches for Estimating Precipitation Elasticity of Streamflow in Chinaâ€™s Main River Basins. Advances in Meteorology, 2015, 2015, 1-8.	1.6	11
121	Impacts of coal mining and coal seam gas extraction on groundwater and surface water. Journal of Hydrology, 2020, 591, 125281.	5.4	11
122	Improving Surface Soil Moisture Estimates in Humid Regions by an Enhanced Remote Sensing Technique. Geophysical Research Letters, 2021, 48, e2020GL091459.	4.0	11
123	Low and contrasting impacts of vegetation CO₂ fertilization on global terrestrial runoff over 1982â€“2010: accounting for aboveground and belowground vegetationâ€“CO₂ effects. Hydrology and Earth System Sciences, 2021, 25, 3411-3427.	4.9	11
124	Impact of Coal Resource Development on Streamflow Characteristics: Influence of Climate Variability and Climate Change. Water (Switzerland), 2018, 10, 1161.	2.7	10
125	Using High-Density Rain Gauges to Validate the Accuracy of Satellite Precipitation Products over Complex Terrains. Atmosphere, 2020, 11, 633.	2.3	10
126	Climate change detection and attribution in the Ganga-Brahmaputra-Meghna river basins. Geoscience Frontiers, 2021, 12, 101186.	8.4	10

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127	Estimating ecosystem maximum light use efficiency based on the water use efficiency principle. Environmental Research Letters, 2021, 16, 104032.	5.2	10
128	Multi-step-ahead solar irradiance modeling employing multi-frequency deep learning models and climatic data. Applied Energy, 2022, 315, 119069.	10.1	10
129	CO₂ fertilization is spatially distinct from stomatal conductance reduction in controlling ecosystem water-use efficiency increase. Environmental Research Letters, 2022, 17, 054048.	5.2	10
130	Inclusion of photoinhibition in simulation of carbon dynamics of an alpine meadow on the Qinghai-Tibetan Plateau. Journal of Geophysical Research, 2005, 110, .	3.3	9
131	Hydrologic response to climate variability and human activities in the Chao River catchment near Beijing. Water International, 2012, 37, 585-597.	1.0	9
132	Separating impacts of vegetation change and climate variability on streamflow using hydrological models together with vegetation data. Science China Technological Sciences, 2012, 55, 1964-1972.	4.0	9
133	Identifying terraces in the hilly and gully regions of the Loess Plateau in China. Land Degradation and Development, 2019, 30, 2126-2138.	3.9	9
134	Estimating spatial pattern of hyporheic water exchange in slack water pool. Journal of Chinese Geography, 2019, 29, 377-388.	3.9	9
135	Probabilistic modelling of soil moisture dynamics of irrigated cropland in the North China Plain. Hydrological Sciences Journal, 2011, 56, 123-137.	2.6	8
136	Enhanced low flow prediction for water and environmental management. Journal of Hydrology, 2020, 584, 124658.	5.4	8
137	Continuous Contour Trench (CCT): Understandings of hydrological processes after standardisation of dimensions and development of a user-friendly software. Soil and Tillage Research, 2021, 205, 104792.	5.6	8
138	Contrasting Uncertainties in Estimating Floods and Low Flow Extremes. Water Resources Management, 2021, 35, 1775-1795.	3.9	8
139	Temporal Scaling of Streamflow Elasticity to Precipitation: A Global Analysis. Water Resources Research, 2022, 58, .	4.2	8
140	Impacts of <scp>El NiÃ±o</scp>â€“southern oscillation on global runoff: Characteristic signatures and potential mechanisms. Hydrological Processes, 2021, 35, e14367.	2.6	7
141	Estimating impacts of wildfire and climate variability on streamflow in Victoria, Australia. Hydrological Processes, 2021, 35, e14439.	2.6	7
142	Estimation of mean annual runoff across southeast Australia by incorporating vegetation types into Budyko-framework. Australian Journal of Water Resources, 2012, 15, .	2.7	6
143	Divergent negative spring vegetation and summer runoff patterns and their driving mechanisms in natural ecosystems of northern latitudes. Journal of Hydrology, 2021, 592, 125848.	5.4	6
144	Using LiDAR-DEM based rapid flood inundation modelling framework to map floodplain inundation extent and depth. Journal of Chinese Geography, 2020, 30, 1649-1663.	3.9	6

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145	The Applications of Soft Computing Methods for Seepage Modeling: A Review. Water (Switzerland), 2021, 13, 3384.	2.7	6
146	Hydrological Processes in Changing Climate, Land Use, and Cover Change. Advances in Meteorology, 2016, 2016, 1-2.	1.6	5
147	Comparing Three Hydrological Models for Flash Flood Simulations in 13 Humid and Semi-humid Mountainous Catchments. Water Resources Management, 2021, 35, 1547-1571.	3.9	5
148	Identification and interâ€comparison of appropriate longâ€term precipitation datasets using decision tree model and statistical matrix over China. International Journal of Climatology, 2021, 41, 5003-5021.	3.5	5
149	A small climate-amplifying effect of climate-carbon cycle feedback. Nature Communications, 2021, 12, 2952.	12.8	5
150	Modelling the cumulative impacts of future coal mining and coal seam gas extraction on river flows: Applications of methodology. Journal of Hydrology, 2021, 598, 126440.	5.4	5
151	An Improved Cloud Gap-Filling Method for Longwave Infrared Land Surface Temperatures through Introducing Passive Microwave Techniques. Remote Sensing, 2021, 13, 3522.	4.0	5
152	An improved non-linear inter-calibration method on different radiometers for enhancing coverage of daily LST estimates in low latitudes. Remote Sensing of Environment, 2021, 264, 112626.	11.0	5
153	Dependence of rainfall-runoff model transferability on climate conditions in Iran. Hydrological Sciences Journal, 2022, 67, 564-587.	2.6	5
154	Baseflow signature behaviour of mountainous catchments around the North China Plain. Journal of Hydrology, 2022, 606, 127450.	5.4	5
155	Predicting root zone soil moisture using observations at 2121 sites across China. Science of the Total Environment, 2022, 847, 157425.	8.0	5
156	Impacts of heterogeneous CO‹sub›2‹/sub› on water and carbon fluxes across the global land surface. International Journal of Digital Earth, 2021, 14, 1175-1193.	3.9	4
157	Variation of fluxes of water vapor, sensible heat and carbon dioxide above winter wheat and maize canopies. Journal of Chinese Geography, 2002, 12, 295-300.	3.9	3
158	Effects of the Three Gorges Project on Runoff and Related Benefits of the Key Regions along Main Branches of the Yangtze River. Water (Switzerland), 2019, 11, 269.	2.7	3
159	Multi-station calibration strategy for evaluation and sensitivity analysis of the snowmelt runoff model using MODIS satellite images. Hydrology Research, 2021, 52, 1389-1404.	2.7	3
160	Influence of Energy and Water Cycle Key Parameters on Drought in Mongolian Plateau during 1979â€“2020. Remote Sensing, 2022, 14, 685.	4.0	3
161	Assessment of runoff in Chandra river basin of Western Himalaya using Remote Sensing and GIS Techniques. Environmental Monitoring and Assessment, 2022, 194, 145.	2.7	3
162	Using Remote Sensing Techniques to Improve Hydrological Predictions in a Rapidly Changing World. Remote Sensing, 2021, 13, 3865.	4.0	2

#	ARTICLE	IF	CITATIONS
163	åŸºäºŽé¥æ„Ÿå¶é¢ç§¯æŒ‡æ•°çš„æ°´æ–‡æ¨¡åž‹å®šé‡è¯„ä»·æ¢è®¨å’Œæ°”å€™å˜åŒ–å¯¹æµçš„å½±å“ : Zhongguo Kexue Jishu Kexue		
164	Water dynamics under changing land cover. Proceedings of the International Association of Hydrological Sciences, 0, 371, 215-221.	1.0	1
165	Long-term vegetation change and its driving factors in a typical catchment of the Loess Plateau. , 0, , .		0
166	A pixel-based indicator of upland crop waterlogging using remote sensing soil moisture data. , 0, , .		0