CITATION REPORT List of articles citing

Assessments of Impacts of Climate Change and Human Activities on Runoff with SWAT for the Huifa River Basin, Northeast China

DOI: 10.1007/s11269-012-0010-8 Water Resources Management, 2012, 26, 2199-2217.

Source: https://exaly.com/paper-pdf/54411951/citation-report.pdf

Version: 2024-04-09

This report has been generated based on the citations recorded by exaly.com for the above article. 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.

#	Paper	IF	Citations
180	Methodologies and applications in Digital China. 2012 , 57, 3761-3768		
179	Assessment of Future Climate Change Impacts on Water Resources of Upper Sind River Basin, India Using SWAT Model. <i>Water Resources Management</i> , 2013 , 27, 3647-3662	3.7	110
178	Near Real-Time Optimization of Multi-Reservoir during Flood Season in the Fengman Basin of China. <i>Water Resources Management</i> , 2013 , 27, 4315-4335	3.7	9
177	Hydrological Simulation by SWAT Model with Fixed and Varied Parameterization Approaches Under Land Use Change. <i>Water Resources Management</i> , 2013 , 27, 2823-2838	3.7	56
176	Assessment of Climate Change Impacts on River High Flows through Comparative Use of GR4J, HBV and Xinanjiang Models. <i>Water Resources Management</i> , 2013 , 27, 2871-2888	3.7	54
175	Discussion of Assessments of Impacts of Climate Change and Human Activities on Runoff with SWAT for the Huifa River Basin, Northeast Chinalby Aijing Zhang; Chi Zhang; Guobin Fu; Bende Wang; Zhenxin Bao; and Hongxing Zheng. <i>Water Resources Management</i> , 2013 , 27, 2071-2073	3.7	2
174	Dynamics Change of Water Surface Area and Its Driving Force Analysis for Honghu Lake in Recent 40 Years Based on Remote Sensing Technique. 2013 ,		
173	Hydrological Prediction in a Tropical Watershed Dominated by Oxisols Using a Distributed Hydrological Model. <i>Water Resources Management</i> , 2013 , 27, 341-363	3.7	37
172	Application of the SWAT Model for a Tile-Drained Lowland Catchment in North-Eastern Germany on Subbasin Scale. <i>Water Resources Management</i> , 2013 , 27, 791-805	3.7	46
171	Sobol? sensitivity analysis for a distributed hydrological model of Yichun River Basin, China. <i>Journal of Hydrology</i> , 2013 , 480, 58-68	6	90
170	Analyzing the water budget and hydrological characteristics and responses to land use in a monsoonal climate river basin in South China. 2013 , 51, 1174-86		20
169	Quantifying the Relative Contributions of Forest Change and Climatic Variability to Hydrology in Large Watersheds: A Critical Review of Research Methods. <i>Water (Switzerland)</i> , 2013 , 5, 728-746	3	61
168	Study of Climate Change Impact on Flood Frequencies: A Combined Weather Generator and Hydrological Modeling Approach*. 2014 , 15, 1205-1219		28
167	Quantitative assessment of the impact of climate variability and human activities on runoff changes for the upper reaches of Weihe River. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014 , 28, 333-346	3.5	69
166	Identification of Streamflow Response to Climate Change and Human Activities in the Wei River Basin, China. <i>Water Resources Management</i> , 2014 , 28, 833-851	3.7	85
165	Quantifying the relative impact of climate and human activities on streamflow. <i>Journal of Hydrology</i> , 2014 , 515, 257-266	6	134
164	An Integrated Approach for Partitioning the Effect of Climate Change and Human Activities on Surface Runoff. <i>Water Resources Management</i> , 2014 , 28, 3843-3858	3.7	34

163	Application of Monte Carlo simulation technique for flood estimation for two catchments in New South Wales, Australia. 2014 , 74, 1475-1488		7
162	Parameter uncertainty and identifiability of a conceptual semi-distributed model to simulate hydrological processes in a small headwater catchment in Northwest China. 2014 , 3,		4
161	Assessment of Contributions of Climatic Variation and Human Activities to Streamflow Changes in the Lancang River, China. <i>Water Resources Management</i> , 2014 , 28, 2953-2966	3.7	29
160	Assessing the Impacts of Climate Change on Hydrology of the Upper Reach of the Spree River: Germany. <i>Water Resources Management</i> , 2014 , 28, 2731-2749	3.7	31
159	A Nonstationary Standardized Precipitation Index incorporating climate indices as covariates. 2015 , 120, 12,082		31
158	A Heuristic Dynamically Dimensioned Search with Sensitivity Information (HDDS-S) and Application to River Basin Management. <i>Water (Switzerland)</i> , 2015 , 7, 2214-2238	3	5
157	Projecting streamflow in the Tangwang River basin (China) using a rainfall generator and two hydrological models. 2015 , 62, 79-97		11
156	Modeling the Effects of Land Use Change and Climate Change on Stream Flow Using GIS and a Hydrological Model. 2015 , 17-33		1
155	Effects of human activities and climate variability on water resources in the Saveh plain, Iran. 2015 , 187, 35		13
154	Impacts of climate change under CMIP5 RCP scenarios on streamflow in the Huangnizhuang catchment. Stochastic Environmental Research and Risk Assessment, 2015 , 29, 1781-1795	3.5	69
153	Impact of Calibration Objective on Hydrological Model Performance in Ungauged Watersheds. Journal of Hydrologic Engineering - ASCE, 2015 , 20, 04014086	1.8	3
152	Quantitative assessment of climate and human impacts on surface water resources in a typical semi-arid watershed in the middle reaches of the Yellow River from 1985 to 2006. 2015 , 35, 97-113		46
151	A Study on the Streamflow Change and its Relationship with Climate Change and Ecological Restoration Measures in a Sediment Concentrated Region in the Loess Plateau, China. <i>Water Resources Management</i> , 2015 , 29, 4045-4060	3.7	26
150	Flow regime of the three outlets on the south bank of Jingjiang River, China: an impact assessment of the Three Gorges Reservoir for 2003\(\textit{Q} 010. \) Stochastic Environmental Research and Risk Assessment, 2015, 29, 2047-2060	3.5	11
149	Response of hydrological processes to land use change and climate variability in the upper Naoli River watershed, northeast China. <i>Water Resources</i> , 2015 , 42, 438-447	0.9	6
148	Distinguishing the impacts of human activities and climate variability on runoff and sediment load change based on paired periods with similar weather conditions: A case in the Yan River, China. Journal of Hydrology, 2015, 527, 884-893	6	38
147	Spatial and temporal variations in hydro-climatic variables and runoff in response to climate change in the Luanhe River basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015 , 29, 1117-5	₹1 ⁵ 33	26
146	Effects of large-scale climate patterns and human activities on hydrological drought: a case study in the Luanhe River basin, China. 2015 , 76, 1687-1710		31

145	Hydro-environmental runoff projection under GCM scenario downscaled by Artificial Neural Network in the Namgang Dam watershed, Korea. 2015 , 19, 434-445		3
144	Complex Adaptive Modeling Framework for Evaluating Adaptive Demand Management for Urban Water Resources Sustainability. 2015 , 141, 04015024		24
143	A Time-Dependent Drought Index for Non-Stationary Precipitation Series. <i>Water Resources Management</i> , 2015 , 29, 5631-5647	3.7	42
142	Nonstationary Flood Frequency Analysis for Annual Flood Peak Series, Adopting Climate Indices and Check Dam Index as Covariates. <i>Water Resources Management</i> , 2015 , 29, 5533-5550	3.7	37
141	Improved Simulation of Peak Flows under Climate Change: Postprocessing or Composite Objective Calibration?. 2015 , 16, 2187-2208		17
140	Modeling Land-Use and Land-Cover Change and Hydrological Responses under Consistent Climate Change Scenarios in the Heihe River Basin, China. <i>Water Resources Management</i> , 2015 , 29, 4701-4717	3.7	60
139	Human-Induced Runoff Change in Northeast China. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015 , 20, 04014069	1.8	16
138	Simulation of land use/land cover change and its effects on the hydrological characteristics of the upper reaches of the Hanjiang Basin. <i>Environmental Earth Sciences</i> , 2015 , 73, 1119-1132	2.9	44
137	Quantitative Estimation of the Impact of Precipitation and Land Surface Change on Hydrological Processes through Statistical Modeling. 2016 , 2016, 1-15		12
136	Impacts of Climate and Land Use/Cover Change on Streamflow Using SWAT and a Separation Method for the Xiying River Basin in Northwestern China. <i>Water (Switzerland)</i> , 2016 , 8, 192	3	22
135	Flood forecasting that considers the impact of hydraulic projects by an improved TOPMODEL model in the Wudaogou basin, Northeast China. <i>Water Science and Technology: Water Supply</i> , 2016 , 16, 1467-1476	1.4	3
134	A dynamic multiple regression approach for quantifying the relative impact of precipitation variations and streamflow generation conditions on runoff. <i>Journal of Water and Climate Change</i> , 2016 , 7, 749-763	2.3	O
133	Responses of Streamflow to Climate Variability and Hydraulic Project Construction in Wudaogou Basin, Northeast China. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016 , 21, 05016016	1.8	4
132	Attributing runoff changes to climate variability and human activities: uncertainty analysis using four monthly water balance models. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016 , 30, 251-269	3.5	19
131	Evaluation of the Impacts of Climate Variability and Human Activity on Streamflow at the Basin Scale. 2016 , 142, 04016028		19
130	Streamflow response to future climate and land use changes in Xinjiang basin, China. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	3
129	Effects of Urbanization and Climate Change on Peak Flows over the San Antonio River Basin, Texas. 2016 , 17, 2371-2389		30
128	Impact assessment of multiple uncertainty sources on high flows under climate change. 2016 , 47, 61-74	4	15

(2017-2016)

127	Quantitatively evaluating the effects of climate factors on runoff change for Aksu River in northwestern China. <i>Theoretical and Applied Climatology</i> , 2016 , 123, 97-105	3	20
126	Long-Term Trends in Streamflow and Precipitation in Northwest California and Southwest Oregon, 1953-2012. 2016 , 52, 241-261		20
125	Quantifying the Relative Contribution of Climate and Human Impacts on Runoff Change Based on the Budyko Hypothesis and SVM Model. <i>Water Resources Management</i> , 2016 , 30, 2377-2390	3.7	22
124	Impacts of land use change and climate variability on green and blue water resources in the Weihe River Basin of northwest China. 2016 , 137, 318-327		74
123	Reservoir Operation with Combined Natural Inflow and Controlled Inflow through Interbasin Transfer: Biliu Reservoir in Northeastern China. 2016 , 142, 05015009		12
122	Variability of modeled runoff over China and its links to climate change. 2017 , 144, 433-445		6
121	A Flood Forecasting Model that Considers the Impact of Hydraulic Projects by the Simulations of the Aggregate reservoir Retaining and Discharging. <i>Water Resources Management</i> , 2017 , 31, 1031-104	5 ^{3.7}	7
120	Detecting the quantitative hydrological response to changes in climate and human activities. <i>Science of the Total Environment</i> , 2017 , 586, 328-337	10.2	113
119	Individual and combined impacts of future climate and land use changes on the water balance. <i>Ecological Engineering</i> , 2017 , 105, 42-57	3.9	57
118	Effects of check dams on runoff and sediment load in a semi-arid river basin of the Yellow River. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017 , 31, 1791-1803	3.5	39
117	Basin flood control system risk evaluation based on variable sets. 2017 , 60, 153-165		5
116	The Integrated Impact of Basin Characteristics on Changes in Hydrological Variables. 2017 , 317-336		1
115	Impacts of precipitation variation and soil and water conservation measures on runoff and sediment yield in the Loess Plateau Gully Region, China. 2017 , 14, 2028-2041		14
114	Modeling runoffBediment response to land use/land cover changes using integrated GIS and SWAT model in the Beressa watershed. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	65
113	Identification of potential impacts of climate change and anthropogenic activities on streamflow alterations in the Tarim River Basin, China. <i>Scientific Reports</i> , 2017 , 7, 8254	4.9	41
112	Impacts of future land cover and climate change on the water balance in northern Iran. <i>Hydrological Sciences Journal</i> , 2017 , 62, 2655-2673	3.5	24
111	Estimation of Sediment Yield Change in a Loess Plateau Basin, China. Water (Switzerland), 2017, 9, 683	3	1
110	Impacts of Climate Change and Human Activities on the Three Gorges Reservoir Inflow. <i>Water</i> (Switzerland), 2017 , 9, 957	3	10

109	Hydrologic Simulation of a Winter WheatBummer Maize Cropping System in an Irrigation District of the Lower Yellow River Basin, China. <i>Water (Switzerland)</i> , 2017 , 9, 7	3	6
108	Closure to R esponses of Streamflow to Climate Variability and Hydraulic Project Construction in Wudaogou Basin, Northeast Chinalby Xinguo Sun, Yong Peng, Huicheng Zhou, and Xiaoli Zhang. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018 , 23, 07018001	1.8	
107	Bias correcting instantaneous peak flows generated using a continuous, semi-distributed hydrologic model. 2018 , 11, e12342		6
106	Hydraulic correction method (HCM) to enhance the efficiency of SRTM DEM in flood modeling. <i>Journal of Hydrology</i> , 2018 , 559, 56-70	6	22
105	Discriminating the precipitation phase based on different temperature thresholds in the Songhua River Basin, China. 2018 , 205, 48-59		12
104	Complexity and trends analysis of hydrometeorological time series for a river streamflow: A case study of Songhua River Basin, China. 2018 , 34, 101-111		8
103	Assessing the response of runoff to climate change and human activities for a typical basin in the Northern Taihang Mountain, China. 2018 , 127, 1		8
102	Changes identification of the Three Gorges reservoir inflow and the driving factors quantification. 2018 , 475, 28-41		10
101	Spatial patterns of hydrological responses to land use/cover change in a catchment on the Loess Plateau, China. 2018 , 92, 151-160		44
100	Stream flow variability and drought severity in the Songhua River Basin, Northeast China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 1225-1242	3.5	11
99	Attribution of Runoff Reduction in the Juma River Basin to Climate Variation, Direct Human Intervention, and Land Use Change. <i>Water (Switzerland)</i> , 2018 , 10, 1775	3	12
98	Development and Integration of Sub-Daily Flood Modelling Capability within the SWAT Model and a Comparison with XAJ Model. <i>Water (Switzerland)</i> , 2018 , 10, 1263	3	10
97	Impacts of Climate Change and Human Activities on the Surface Runoff in the Wuhua River Basin. 2018 , 10, 3405		6
96	Simulation of surface runoff in Karaj dam basin, Iran. 2018 , 8, 1		2
95	Quantifying human impacts on hydrological drought using a combined modelling approach in a tropical river basin in central Vietnam. 2018 , 22, 547-565		17
94	Assessment of Potential Climate Change Effects on the Rice Yield and Water Footprint in the Nanliujiang Catchment, China. 2018 , 10, 242		24
93	SWAT-Simulated Streamflow Responses to Climate Variability and Human Activities in the Miyun Reservoir Basin by Considering Streamflow Components. 2018 , 10, 941		22
92	Optimisation of Multipurpose Reservoir Operation by Coupling Soil and Water Assessment Tool (SWAT) and Genetic Algorithm for Optimal Operating Policy (Case Study: Ganga River Basin). 2018 , 10, 1660		17

(2020-2018)

91	The Impacts of Climate Variability and Land Use Change on Streamflow in the Hailiutu River Basin. Water (Switzerland), 2018, 10, 814	3	33
90	Using the MannKendall test and double mass curve method to explore stream flow changes in response to climate and human activities. <i>Journal of Water and Climate Change</i> , 2019 , 10, 725-742	2.3	38
89	Regional Scale analysis of hydro-meteorological variables in Kesinga sub-catchment of Mahanadi Basin, India. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	2
88	Contribution of climatic variability and human activities to stream flow changes in the Haraz River basin, northern Iran. <i>Journal of Hydro-Environment Research</i> , 2019 , 25, 12-24	2.3	31
87	SWAT-Based Runoff Simulation and Runoff Responses to Climate Change in the Headwaters of the Yellow River, China. 2019 , 10, 509		3
86	Impacts of Climate Change and Human Activities on Runoff Variation of the Intensive Phosphate Mined Huangbaihe River Basin, China. <i>Water (Switzerland)</i> , 2019 , 11, 2039	3	2
85	Hydrological Drought Forecasting Incorporating Climatic and Human-Induced Indices. 2019 , 34, 1365-1	376	3
84	The Impact of Reservoirs on Runoff Under Climate Change: A Case of Nierji Reservoir in China. Water (Switzerland), 2019 , 11, 1005	3	5
83	Hydrogeochemical Characteristics and Controlling Factors of the Lhasa River under the Influence of Anthropogenic Activities. <i>Water (Switzerland)</i> , 2019 , 11, 948	3	4
82	Status of Organochlorine and Organophosphorus Pesticides in Wetlands and Its Impact on Aquatic Organisms. 2019 , 31, 44-78		8
81	Estimation of relative water content in rice panicle based on hyperspectral vegetation indexes under water saving irrigation. 2019 , 52, 150-158		7
80	Landscape- and climate change-induced hydrological alterations in the typically urbanized Beiyun River basin, Beijing, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2019 , 33, 149-168	3.5	4
79	Sensitivity analysis of runoff to climate variability and land-use changes in the Haihe Basin mountainous area of north China. <i>Agriculture, Ecosystems and Environment</i> , 2019 , 269, 193-203	5.7	16
78	Uncertainty of hydrologic processes caused by bias-corrected CMIP5 climate change projections with alternative historical data sources. <i>Journal of Hydrology</i> , 2019 , 568, 551-561	6	19
77	Diagnosis of Change in Structural Characteristics of Streamflow Series Based on Selection of Complexity Measurement Methods: Fenhe River Basin, China. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019 , 24, 05018028	1.8	4
76	Wildfires and their impact on the water supply of a large neotropical metropolis: A simulation approach. <i>Science of the Total Environment</i> , 2019 , 651, 1261-1271	10.2	23
75	How do natural climate variability, anthropogenic climate and basin underlying surface change affect streamflows? A three-source attribution framework and application. <i>Journal of Hydro-Environment Research</i> , 2020 , 28, 57-66	2.3	5
74	A Non-stationary Standardized Streamflow Index for hydrological drought using climate and human-induced indices as covariates. <i>Science of the Total Environment</i> , 2020 , 699, 134278	10.2	21

73	A Scenario-Based Approach for Assessing the Hydrological Impacts of Land Use and Climate Change in the Marboreh Watershed, Iran. <i>Environmental Modeling and Assessment</i> , 2020 , 25, 41-57	2	29
72	Non-stationary and copula-based approach to assess the drought characteristics encompassing climate indices over the Himalayan states in India. <i>Journal of Hydrology</i> , 2020 , 580, 124356	6	53
71	A multi-model ensemble approach for the assessment of climatic and anthropogenic impacts on river flow change. <i>Hydrological Sciences Journal</i> , 2020 , 65, 71-86	3.5	4
70	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
69	Assessing Climate Change Effects on Water Balance in a Monsoon Watershed. <i>Water (Switzerland)</i> , 2020 , 12, 2564	3	5
68	SB Paulo drought: trends in streamflow and their relationship to climate and human-induced change in Cantareira watershed, Southeast Brazil. 2020 , 51, 750-767		6
67	Projected climate change in the Karkheh Basin, Iran, based on CORDEX models. <i>Theoretical and Applied Climatology</i> , 2020 , 142, 661-673	3	4
66	Quantifying the Impacts of Climate Change and Human Activities on Runoff in the Lancang River Basin Based on the Budyko Hypothesis. <i>Water (Switzerland)</i> , 2020 , 12, 3501	3	6
65	Trends of Runoff Variation and Effects of Main Causal Factors in Mun River, Thailand During 1980 2018. <i>Water (Switzerland)</i> , 2020 , 12, 831	3	6
64	Impact of climate change and human activities on economic values produced by ecosystem service functions of rivers in water shortage area of Northwest China. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 26570-26578	5.1	7
63	Delimitation of nutrient vulnerable zones - a comprehensive method to manage a persistent problem of agriculture. <i>Agricultural Systems</i> , 2020 , 183, 102858	6.1	2
62	Relative Impacts of Projected Climate and Land Use Changes on Terrestrial Water Balance: A Case Study on Ganga River Basin. <i>Frontiers in Water</i> , 2020 , 2,	2.6	1
61	Do model parameters change under changing climate and land use in the upstream of the Lancang River Basin, China?. <i>Hydrological Sciences Journal</i> , 2020 , 65, 1894-1908	3.5	4
60	Isolating of climate and land surface contribution to basin runoff variability: A case study from the Weihe River Basin, China. <i>Ecological Engineering</i> , 2020 , 153, 105904	3.9	5
59	Assessing the impact of human activities and rainfall variability on the river discharge of Komadugu-Yobe Basin, Lake Chad Area. <i>Environmental Earth Sciences</i> , 2020 , 79, 1	2.9	14
58	The transborder flux of phosphorus in the Lancang-Mekong River Basin: Magnitude, patterns and impacts from the cascade hydropower dams in China. <i>Journal of Hydrology</i> , 2020 , 590, 125201	6	10
57	Assessments of Impacts of Climate and Forest Change on Water Resources Using SWAT Model in a Subboreal Watershed in Northern Da Hinggan Mountains. <i>Water (Switzerland)</i> , 2020 , 12, 1565	3	9
56	Quantifying the Impacts of Climate Change and Human Activities on Runoff Variation: Case Study of the Upstream of Minjiang River, China. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020 , 25, 05020025	1.8	7

(2021-2020)

55	Detection and attribution of abrupt shift in minor periods in human-impacted streamflow. <i>Journal of Hydrology</i> , 2020 , 584, 124637	6	7
54	Quantifying the effects of climate variability, direct and indirect land use change, and human activities on runoff. <i>Journal of Hydrology</i> , 2020 , 584, 124684	6	24
53	Assessment of seasonal climate transference and regional influential linkages to land cover Investigation in a river basin. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2020 , 199, 105209	2	6
52	Nonstationary Modeling of Meteorological Droughts: Application to a Region in India. <i>Journal of Hydrologic Engineering - ASCE</i> , 2021 , 26, 05020048	1.8	6
51	Trend analysis of hydrological and water quality variables to detect anthropogenic effects and climate variability on a river basin scale: A case study of Iran. <i>Journal of Hydro-Environment Research</i> , 2021 , 34, 11-23	2.3	5
50	Investigation of Climate Change Adaptation Impacts on Optimization of Water Allocation Using a Coupled SWAT-bi Level Programming Model. <i>Wetlands</i> , 2021 , 41, 1	1.7	1
49	Choosing an arbitrary calibration period for hydrologic models: How much does it influence water balance simulations?. <i>Hydrological Processes</i> , 2021 , 35, e14045	3.3	4
48	Quantifying the contribution of climate and underlying surface changes to alpine runoff alterations associated with glacier melting. <i>Hydrological Processes</i> , 2021 , 35, e14069	3.3	4
47	Climate change variability assessment on water resources by SWAT model: A Review. <i>WEENTECH Proceedings in Energy</i> , 246-268	O	
46	Climate-changed versus land-use altered streamflow: A relative contribution assessment using three complementary approaches at a decadal time-spell. <i>Journal of Hydrology</i> , 2021 , 596, 126064	6	4
45	Assessing impacts of climate variability and changing cropping patterns on regional evapotranspiration, yield and water productivity in California San Joaquin watershed. <i>Agricultural Water Management</i> , 2021 , 250, 106852	5.9	3
44	Trend and attribution analysis of water and sediment variations in sandy rivers. Water Science and Technology: Water Supply,	1.4	
43	Contrasting influence of human activities on agricultural and hydrological droughts in India. <i>Science of the Total Environment</i> , 2021 , 774, 144959	10.2	9
42	The impact of mining-related human activities on runoff in northern Shaanxi, China. <i>Journal of Hydrology</i> , 2021 , 598, 126235	6	5
41	Variation in Vegetation and Its Driving Force in the Middle Reaches of the Yangtze River in China. <i>Water (Switzerland)</i> , 2021 , 13, 2036	3	4
40	Future hydrology and hydrological extremes under climate change in Asian river basins. <i>Scientific Reports</i> , 2021 , 11, 17089	4.9	О
39	Interactive influence of climate variability and land-use change on blue and green water resources: a case study from the Ganjiang River Basin, China. <i>Journal of Water and Climate Change</i> ,	2.3	0
38	Baseline for rainwater chemistry and quality as influenced by Nyiragongo volcano permanent plume, East Africa. <i>Chemosphere</i> , 2021 , 283, 130859	8.4	1

37	Effects of Precipitation and Vegetation Cover on Annual Runoff and Sediment Yield in Northeast China: A Preliminary Analysis. <i>Water Resources</i> , 2020 , 47, 491-505	0.9	6
36	Hydrological Modeling in a Changing Environment: Issues and Challenges. <i>Journal of Water Resources Research</i> , 2013 , 02, 85-95	0.2	8
35	Integrated assessment of climate and human contributions to variations in streamflow in the Ten Great Gullies Basin of the Upper Yellow River, China. <i>Journal of Hydrology and Hydromechanics</i> , 2020 , 68, 249-259	2.1	3
34	Assessment of TMPA 3B42V7 and PERSIANN-CDR in Driving Hydrological Modeling in a Semi-Humid Watershed in Northeastern China. <i>Remote Sensing</i> , 2020 , 12, 3133	5	1
33	Implications of climate change on nutrient pollution: a look into the nitrogen and phosphorus loadings in the Great Miami and Little Miami watersheds in Ohio. <i>AIMS Environmental Science</i> , 2019 , 6, 186-221	1.9	4
32	Factors Influencing Open Innovation Adoption in the Ghanaian Hospitality Industry: The Role of ICT Infrastructure. <i>International Journal of Scientific Research in Science, Engineering and Technology</i> , 2020 , 91-114	0.1	O
31	Impacts of land use/cover change and climate variability on groundwater recharge for upper Gibe watershed, Ethiopia. <i>Sustainable Water Resources Management</i> , 2022 , 8, 1	1.9	0
30	Hydrological Response of the Kunhar River Basin in Pakistan to Climate Change and Anthropogenic Impacts on Runoff Characteristics. <i>Water (Switzerland)</i> , 2021 , 13, 3163	3	4
29	A Novel Runoff Forecasting Model Based on the Decomposition-Integration-Prediction Framework. <i>Water (Switzerland)</i> , 2021 , 13, 3390	3	2
28	Diffuse nutrient export dynamics from accumulated litterfall in forested watersheds with remote sensing data coupled model <i>Water Research</i> , 2021 , 209, 117948	12.5	2
27	Impact of climate and land-use changes on the water and sediment dynamics of the Tokoro River Basin, Japan. <i>Environmental Advances</i> , 2022 , 7, 100153	3.5	0
26	Evaluation of Agricultural Water Supply and Selection of Deficient Districts in Yeongsan River Basin of South Korea Considering Supply Priority. <i>Water (Switzerland)</i> , 2022 , 14, 298	3	O
25	Base Flow Variation and Attribution Analysis Based on the Budyko Theory in the Weihe River Basin. <i>Water (Switzerland)</i> , 2022 , 14, 334	3	3
24	A hydrological simulation dataset of the Upper Colorado River Basin from 1983 to 2019 <i>Scientific Data</i> , 2022 , 9, 16	8.2	1
23	A Union of Dynamic Hydrological Modeling and Satellite Remotely-Sensed Data for Spatiotemporal Assessment of Sediment Yields. <i>Remote Sensing</i> , 2022 , 14, 400	5	1
22	Comparison of flow simulations with sub-daily and daily GPM IMERG products over a transboundary Chenab River catchment. <i>Journal of Water and Climate Change</i> , 2022 , 13, 1204-1224	2.3	O
21	Exploring the influence of seasonal cropland abandonment on evapotranspiration and water resources in the humid lowland region, southern China. <i>Water Resources Research</i> ,	5.4	1
20	Trends in rainfall extremity and peak flood in Sabarmati River Basin, India. <i>Physics and Chemistry of the Earth</i> , 2022 , 103146	3	

19	Runoff Prediction under Different Precipitation Scenarios Based on SWAT Model and Stochastic Simulation of Precipitation. <i>Journal of Hydrologic Engineering - ASCE</i> , 2022 , 27,	1.8	О
18	The role of climate change and human interventions in affecting watershed runoff responses. <i>Hydrological Processes</i> , 2021 , 35,	3.3	1
17	Study of climate change effect on water balance in upper Citarum Watershed, the Krueng Cunda Watershed, and the Woske Watershed, Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 930, 012074	0.3	
16	Investigating the propagation of droughts under the influence of large-scale climate indices in India. <i>Journal of Hydrology</i> , 2022 , 610, 127900	6	O
15	Global assessment of spatiotemporal variability of wet, normal and dry conditions using multiscale entropy-based approach. <i>Scientific Reports</i> , 2022 , 12,	4.9	О
14	Disaggregating the Effects of Climatic Variability and Dam Construction on River Flow Regime. Water Resources Management,	3.7	O
13	Comprehensive evaluation of hydrological drought characteristics and their relationship to meteorological droughts in the upper Tarim River Basin, central Asia. <i>Frontiers of Earth Science</i> ,	1.7	
12	Individual and Coupled Effects of Future Climate and Land Use Scenarios on Water Balance Components in an Australian Catchment. 2022 , 13, 1428		1
11	Conjunctive Use Modeling Using SWAT and GMS for Sustainable Irrigation in Khatav, India. 2023 , 373-3	86	O
10	Impact of Climate Variability on Streamflow Using Swat Model on Kharun River Basin. 2023 , 197-211		O
9	Quantitative Study of Climatic and Anthropogenic Contributions to Streamflow and Sediment Load in the Yangtze River, China. 2022 , 14, 3104		О
8	Quantifying the impact of climate change and human activities on runoff at a tropical watershed in South China. 10,		O
7	Quantitative impacts of climate change and human activities on runoff in the Huolin River catchment.		О
6	Hydrological response to climate change and human activities in the Bahe River, China. 2023 , 617, 128	762	O
5	Spatial-temporal heterogeneity analysis of blue and green water resources for Poyang Lake basin, China. 2023 , 617, 128983		0
4	Streamflow components and climate change: Lessons learnt and energy implications after hydrological modeling experiences in catchments with a Mediterranean climate. 2023 , 9, 277-291		O
3	Impacts of Precipitation Type Variations on Runoff Changes in the Source Regions of the Yangtze and Yellow River Basins in the Past 40 Years. 2022 , 14, 4115		О
2	Quantitative assessment of the impacts of climate and human activities on streamflow of the Lancang-Mekong river over the recent decades. 10,		O

Comprehensive evaluation of the ecohydrological response of watersheds under changing environments. **2023**, 74, 101985

О