

# Zhongbo Yu

## List of Publications by Year in Descending Order

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

159  
papers

4,001  
citations

39  
h-index

53  
g-index

168  
ext. papers

4,870  
ext. citations

4.1  
avg. IF

5.73  
L-index

#	Paper	IF	Citations
159	Understanding the key factors that influence soil moisture estimation using the unscented weighted ensemble Kalman filter. <i>Agricultural and Forest Meteorology</i> , <b>2022</b> , 313, 108745	5.8	0
158	Effects of urbanisation on regional water consumption in China. <i>Journal of Hydrology</i> , <b>2022</b> , 609, 1277216		0
157	Altered drought propagation under the influence of reservoir regulation. <i>Journal of Hydrology</i> , <b>2021</b> , 603, 127049	6	1
156	The pattern of sedimentary bacterial communities varies with latitude within a large eutrophic lake. <i>Limnologica</i> , <b>2021</b> , 87, 125860	2	1
155	Composition and co-occurrence patterns of <i>Phragmites australis</i> rhizosphere bacterial community. <i>Aquatic Ecology</i> , <b>2021</b> , 55, 695-710	1.9	3
154	Habitats and seasons differentiate the assembly of bacterial communities along a trophic gradient of freshwater lakes. <i>Freshwater Biology</i> , <b>2021</b> , 66, 1515-1529	3.1	4
153	Contrasting Patterns of the Resident and Active Rhizosphere Bacterial Communities of <i>Phragmites Australis</i> . <i>Microbial Ecology</i> , <b>2021</b> , 1	4.4	1
152	Performance of the WRF model in simulating intense precipitation events over the Hanjiang River Basin, China [A multi-physics ensemble approach. <i>Atmospheric Research</i> , <b>2021</b> , 248, 105206	5.4	9
151	Role of reservoir regulation and groundwater feedback in a simulated ground-soil-vegetation continuum: A long-term regional scale analysis. <i>Hydrological Processes</i> , <b>2021</b> , 35, e14341	3.3	4
150	Effects of shading levels on the composition and co-occurrence patterns of bacterioplankton and epibiotic bacterial communities of <i>Cabomba caroliniana</i> . <i>Science of the Total Environment</i> , <b>2021</b> , 785, 147286	10.2	0
149	Spatiotemporal characteristics of regional extreme precipitation in Yangtze River basin. <i>Journal of Hydrology</i> , <b>2021</b> , 603, 126910	6	1
148	Support vector machine and data assimilation framework for Groundwater Level Forecasting using GRACE satellite data. <i>Journal of Hydrology</i> , <b>2021</b> , 603, 126929	6	5
147	Analysis of Regional Water and Energy Consumption Considering Economic Development. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 3582	3	1
146	System Dynamics Simulation Model for Flood Management of the Three Gorges Reservoir. <i>Journal of Water Resources Planning and Management - ASCE</i> , <b>2020</b> , 146, 05020009	2.8	2
145	Contrasting Patterns in Diversity and Community Assembly of <i>Phragmites australis</i> Root-Associated Bacterial Communities from Different Seasons. <i>Applied and Environmental Microbiology</i> , <b>2020</b> , 86,	4.8	21
144	Heat Wave Variations Across China Tied to Global SST Modes. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2020</b> , 125, e2019JD031612	4.4	9
143	Sensitivity studies and comprehensive evaluation of RegCM4.6.1 high-resolution climate simulations over the Tibetan Plateau. <i>Climate Dynamics</i> , <b>2020</b> , 54, 3781-3801	4.2	13

142	Co-association of Two nir Denitrifiers Under the Influence of Emergent Macrophytes. <i>Microbial Ecology</i> , <b>2020</b> , 80, 809-821	4.4	5
141	Disentangling the seasonal co-occurrence patterns and ecological stochasticity of planktonic and benthic bacterial communities within multiple lakes. <i>Science of the Total Environment</i> , <b>2020</b> , 740, 140010 <sup>10.2</sup>	10.2	18
140	A comprehensive assessment framework for quantifying climatic and anthropogenic contributions to streamflow changes: A case study in a typical semi-arid North China basin. <i>Environmental Modelling and Software</i> , <b>2020</b> , 128, 104704	5.2	48
139	Water resources management in a reservoir-regulated basin: Implications of reservoir network layout on streamflow and hydrologic alteration. <i>Journal of Hydrology</i> , <b>2020</b> , 586, 124903	6	11
138	Elevation-dependent response of vegetation dynamics to climate change in a cold mountainous region. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 094005	6.2	9
137	Influences of the south-to-north water diversion project and virtual water flows on regional water resources considering both water quantity and quality. <i>Journal of Cleaner Production</i> , <b>2020</b> , 244, 118920 <sup>10.3</sup>	10.3	21
136	Sediment microbiomes associated with the rhizosphere of emergent macrophytes in a shallow, subtropical lake. <i>Limnology and Oceanography</i> , <b>2020</b> , 65, S38	4.8	23
135	Unscented weighted ensemble Kalman filter for soil moisture assimilation. <i>Journal of Hydrology</i> , <b>2020</b> , 580, 124352	6	2
134	Entropy-Based Research on Precipitation Variability in the Source Region of China's Yellow River. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 2486	3	1
133	Composition and assembly of bacterial communities in surface and deeper sediments from aquaculture-influenced sites in Eastern Lake Taihu, China. <i>Aquatic Sciences</i> , <b>2020</b> , 82, 1	2.5	5
132	Distinct successional patterns and processes of free-living and particle-attached bacterial communities throughout a phytoplankton bloom. <i>Freshwater Biology</i> , <b>2020</b> , 65, 1363-1375	3.1	4
131	A system dynamics simulation approach for environmentally friendly operation of a reservoir system. <i>Journal of Hydrology</i> , <b>2020</b> , 587, 124971	6	10
130	Climate-induced hydrological impact mitigated by a high-density reservoir network in the Poyang Lake Basin. <i>Journal of Hydrology</i> , <b>2019</b> , 579, 124148	6	15
129	Impact of intermittent turbulent bursts on sediment resuspension and internal nutrient release in Lake Taihu, China. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 16519-16528	5.1	8
128	Patterns and assembly processes of planktonic and sedimentary bacterial community differ along a trophic gradient in freshwater lakes. <i>Ecological Indicators</i> , <b>2019</b> , 106, 105491	5.8	30
127	Evaluating Soil Moisture Predictions Based on Ensemble Kalman Filter and SiB2 Model. <i>Journal of Meteorological Research</i> , <b>2019</b> , 33, 190-205	2.3	5
126	Ground observation-based analysis of soil moisture spatiotemporal variability across a humid to semi-humid transitional zone in China. <i>Journal of Hydrology</i> , <b>2019</b> , 574, 903-914	6	74
125	Hydrological impact of a reservoir network in the upper Gan River Basin, China. <i>Hydrological Processes</i> , <b>2019</b> , 33, 1709-1723	3.3	13

124	Drought in the Western United States: Its Connections with Large-Scale Oceanic Oscillations. <i>Atmosphere</i> , <b>2019</b> , 10, 82	2.7	5
123	Evaluation of hydroclimatic variables for maize yield estimation using crop model and remotely sensed data assimilation. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2019</b> , 33, 1283-1295	3.5	5
122	The Multi-Scale Temporal Variability of Extreme Precipitation in the Source Region of the Yellow River. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 92	3	5
121	Satellite retrieval of actual evapotranspiration in the Tibetan Plateau: Components partitioning, multidecadal trends and dominated factors identifying. <i>Journal of Hydrology</i> , <b>2018</b> , 559, 471-485	6	41
120	Geographically weighted regression based methods for merging satellite and gauge precipitation. <i>Journal of Hydrology</i> , <b>2018</b> , 558, 275-289	6	121
119	Contrasting Network Features between Free-Living and Particle-Attached Bacterial Communities in Taihu Lake. <i>Microbial Ecology</i> , <b>2018</b> , 76, 303-313	4.4	21
118	Effect of projected climate change on the hydrological regime of the Yangtze River Basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2018</b> , 32, 1-16	3.5	30
117	Analysis of Blue and Green Water Consumption at the Irrigation District Scale. <i>Sustainability</i> , <b>2018</b> , 10, 305	3.6	10
116	Hydrological projections of future climate change over the source region of Yellow River and Yangtze River in the Tibetan Plateau: A comprehensive assessment by coupling RegCM4 and VIC model. <i>Hydrological Processes</i> , <b>2018</b> , 32, 2096-2117	3.3	23
115	Heterogeneity of interactions of microbial communities in regions of Taihu Lake with different nutrient loadings: A network analysis. <i>Scientific Reports</i> , <b>2018</b> , 8, 8890	4.9	18
114	Simulating canopy conductance of the Haloxylon ammodendron shrubland in an arid inland river basin of northwest China. <i>Agricultural and Forest Meteorology</i> , <b>2018</b> , 249, 22-34	5.8	19
113	Modeling rainfall infiltration on hillslopes using Flux-concentration relation and time compression approximation. <i>Journal of Hydrology</i> , <b>2018</b> , 557, 243-253	6	16
112	Projected Changes in Hydrological Extremes in the Yangtze River Basin with an Ensemble of Regional Climate Simulations. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 1279	3	16
111	Evaluation of Physical and Economic Water-Saving Efficiency for Virtual Water Flows Related to Inter-Regional Crop Trade in China. <i>Sustainability</i> , <b>2018</b> , 10, 4308	3.6	
110	Evaluation of Environmental Impacts Due to Blue Water Consumption in China from Production and Consumption Perspectives. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	3
109	Physical and virtual water transfers and the impacts on regional ecosystem quality and resources. <i>MATEC Web of Conferences</i> , <b>2018</b> , 246, 01070	0.3	
108	Evaluation of TOPMODEL-Based Land Surface-Atmosphere Transfer Scheme (TOPLATS) through a Soil Moisture Simulation. <i>Earth Interactions</i> , <b>2018</b> , 22, 1-19	1.5	6
107	High-resolution ensemble projections and uncertainty assessment of regional climate change over China in CORDEX East Asia. <i>Hydrology and Earth System Sciences</i> , <b>2018</b> , 22, 3087-3103	5.5	16

106	Bargaining Model of Synergistic Revenue Allocation for the Joint Operations of a Multi-Stakeholder Cascade Reservoir System. <i>Water Resources Management</i> , <b>2018</b> , 32, 4625-4642	3.7	7
105	Trends in evapotranspiration and their responses to climate change and vegetation greening over the upper reaches of the Yellow River Basin. <i>Agricultural and Forest Meteorology</i> , <b>2018</b> , 263, 118-129	5.8	65
104	Climate change driven water budget dynamics of a Tibetan inland lake. <i>Global and Planetary Change</i> , <b>2017</b> , 150, 70-80	4.2	29
103	Community composition and assembly processes of the free-living and particle-attached bacteria in Taihu Lake. <i>FEMS Microbiology Ecology</i> , <b>2017</b> , 93,	4.3	31
102	The heterogeneity of composition and assembly processes of the microbial community between different nutrient loading lake zones in Taihu Lake. <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 5913-5923	5.7	29
101	Emergent macrophytes modify the abundance and community composition of ammonia oxidizers in their rhizosphere sediments. <i>Journal of Basic Microbiology</i> , <b>2017</b> , 57, 625-632	2.7	3
100	Comparing three models to estimate transpiration of desert shrubs. <i>Journal of Hydrology</i> , <b>2017</b> , 550, 603-615	6	15
99	Prospective scenarios of the saltwater intrusion in an estuary under climate change context using Bayesian neural networks. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2017</b> , 31, 981-991	3.5	9
98	Diversity and composition of bacterial community in the rhizosphere sediments of submerged macrophytes revealed by 454 pyrosequencing. <i>Annals of Microbiology</i> , <b>2017</b> , 67, 313-319	3.2	11
97	Effect of wave-current interactions on sediment resuspension in large shallow Lake Taihu, China. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 4029-4039	5.1	32
96	Evaluation of soil moisture-precipitation feedback at different time scales over Asia. <i>International Journal of Climatology</i> , <b>2017</b> , 37, 3619-3629	3.5	7
95	Performance of SMAP, AMSR-E and LAI for weekly agricultural drought forecasting over continental United States. <i>Journal of Hydrology</i> , <b>2017</b> , 553, 88-104	6	29
94	Effects of macrobenthic bioturbation on the abundance and community composition of ammonia-oxidizing prokaryotes under different temperatures. <i>Journal of Freshwater Ecology</i> , <b>2017</b> , 32, 405-414	1.4	1
93	Bayesian multi-model projection of irrigation requirement and water use efficiency in three typical rice plantation region of China based on CMIP5. <i>Agricultural and Forest Meteorology</i> , <b>2017</b> , 232, 89-105	5.8	55
92	A comprehensive analysis of blue water scarcity from the production, consumption, and water transfer perspectives. <i>Ecological Indicators</i> , <b>2017</b> , 72, 870-880	5.8	47
91	Assessment on the Effect of Climate Change on Streamflow in the Source Region of the Yangtze River, China. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 70	3	17
90	The analytical derivation of multiple elasticities of runoff to climate change and catchment characteristics alteration. <i>Journal of Hydrology</i> , <b>2016</b> , 541, 1042-1056	6	63
89	Changes of storm properties in the United States: Observations and multimodel ensemble projections. <i>Global and Planetary Change</i> , <b>2016</b> , 142, 41-52	4.2	17

88	Abundance and community composition of ammonia oxidizers in rhizosphere sediment of two submerged macrophytes. <i>Journal of Freshwater Ecology</i> , <b>2016</b> , 31, 407-419	1.4	10
87	A Modified Soil Moisture Model for Two-Layer Soil. <i>Ground Water</i> , <b>2016</b> , 54, 569-78	2.4	1
86	Reference evapotranspiration trends from 1980 to 2012 and their attribution to meteorological drivers in the three-river source region, China. <i>International Journal of Climatology</i> , <b>2016</b> , 36, 3759-3769	3.5	27
85	Fully coupled atmospheric-hydrological modeling at regional and long-term scales: Development, application, and analysis of WRF-HMS. <i>Water Resources Research</i> , <b>2016</b> , 52, 3187-3211	5.4	49
84	Evaluating uncertainties in multi-layer soil moisture estimation with support vector machines and ensemble Kalman filtering. <i>Journal of Hydrology</i> , <b>2016</b> , 538, 243-255	6	30
83	Network analysis reveals seasonal variation of co-occurrence correlations between Cyanobacteria and other bacterioplankton. <i>Science of the Total Environment</i> , <b>2016</b> , 573, 817-825	10.2	67
82	The Spatiotemporal Characteristics of Extreme Precipitation Events in the Western United States. <i>Water Resources Management</i> , <b>2016</b> , 30, 4807-4821	3.7	17
81	Improving event-based rainfall-runoff simulation using an ensemble artificial neural network based hybrid data-driven model. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2015</b> , 29, 1345-1370	3.5	46
80	Diagnosing the strength of soil temperature in the land atmosphere interactions over Asia based on RegCM4 model. <i>Global and Planetary Change</i> , <b>2015</b> , 130, 7-21	4.2	6
79	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> , <b>2015</b> , 29, 1117-1133	3.5	26
78	Assessing the impact of climate change on flood in an alpine catchment using multiple hydrological models. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2015</b> , 29, 2143-2158	3.5	10
77	Optimal parameters for the Green-Ampt infiltration model under rainfall conditions. <i>Journal of Hydrology and Hydromechanics</i> , <b>2015</b> , 63, 93-101	2.1	16
76	Climate change and water storage variability over an arid endorheic region. <i>Journal of Hydrology</i> , <b>2015</b> , 529, 330-339	6	62
75	Drought projection based on a hybrid drought index using Artificial Neural Networks. <i>Hydrological Processes</i> , <b>2015</b> , 29, 2635-2648	3.3	14
74	Impact of climate change on hydrological extremes in the Yangtze River Basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2015</b> , 29, 693-707	3.5	41
73	Assessing CMIP5 general circulation model simulations of precipitation and temperature over China. <i>International Journal of Climatology</i> , <b>2015</b> , 35, 2431-2440	3.5	28
72	Vegetation Greening and Climate Change Promote Multidecadal Rises of Global Land Evapotranspiration. <i>Scientific Reports</i> , <b>2015</b> , 5, 15956	4.9	180
71	Changes of seasonal storm properties in California and Nevada from an ensemble of climate projections. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2015</b> , 120, 2676-2688	4.4	21

70	The Mass and Energy Exchange of a Tibetan Glacier: Distributed Modeling and Climate Sensitivity. <i>Journal of the American Water Resources Association</i> , <b>2015</b> , 51, 1088-1100	2.1	6
69	Impact of projected climate change on the hydrology in the headwaters of the Yellow River basin. <i>Hydrological Processes</i> , <b>2015</b> , 29, 4379-4397	3.3	51
68	Using the SPEI to Assess Recent Climate Change in the Yarlung Zangbo River Basin, South Tibet. <i>Water (Switzerland)</i> , <b>2015</b> , 7, 5474-5486	3	41
67	The Impact of Assumed Error Variances on Surface Soil Moisture and Snow Depth Hydrologic Data Assimilation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2015</b> , 8, 5116-5129	4.7	7
66	Impacts of climate change under CMIP5 RCP scenarios on streamflow in the Huangnizhuang catchment. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2015</b> , 29, 1781-1795	3.5	69
65	A coupled modeling approach to predict water quality in Lake Taihu, China: linkage to climate change projections. <i>Journal of Freshwater Ecology</i> , <b>2015</b> , 30, 59-73	1.4	12
64	Uncertainty analysis of downscaling methods in assessing the influence of climate change on hydrology. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2014</b> , 28, 991-1010	3.5	23
63	Evaluation of drought and wetness episodes in a cold region (Northeast China) since 1898 with different drought indices. <i>Natural Hazards</i> , <b>2014</b> , 71, 2063-2085	3	28
62	Pyrosequencing analysis of bacterial community and assembly in activated sludge samples from different geographic regions in China. <i>Applied Microbiology and Biotechnology</i> , <b>2014</b> , 98, 9119-28	5.7	42
61	Responses of rice yield, irrigation water requirement and water use efficiency to climate change in China: Historical simulation and future projections. <i>Agricultural Water Management</i> , <b>2014</b> , 146, 249-261	5.9	68
60	Improving the flood prediction capability of the Xinanjiang model in ungauged nested catchments by coupling it with the geomorphologic instantaneous unit hydrograph. <i>Journal of Hydrology</i> , <b>2014</b> , 517, 1035-1048	6	68
59	Climate change and probabilistic scenario of streamflow extremes in an alpine region. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 8535-8551	4.4	23
58	Impact of initial soil moisture anomalies on climate mean and extremes over Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 529-545	4.4	42
57	Evaluating Ensemble Kalman, Particle, and Ensemble Particle Filters through Soil Temperature Prediction. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2014</b> , 19, 04014027	1.8	8
56	One-dimensional soil temperature simulation with Common Land Model by assimilating in situ observations and MODIS LST with the ensemble particle filter. <i>Water Resources Research</i> , <b>2014</b> , 50, 6950-6965	5.4	13
55	An open-channel flume study of flow characteristics through a combined layer of submerged and emerged flexible vegetation. <i>Ecohydrology</i> , <b>2014</b> , 7, 633-647	2.5	9
54	Diagnosing the Strength of Land-Atmosphere Coupling at Subseasonal to Seasonal Time Scales in Asia. <i>Journal of Hydrometeorology</i> , <b>2014</b> , 15, 320-339	3.7	28
53	On evaluating characteristics of the solute transport in the arid vadose zone. <i>Ground Water</i> , <b>2014</b> , 52, 50-62	2.4	4

52	Effects of Climate Variations and Human Activities on Runoff in the Zoige Alpine Wetland in the Eastern Edge of the Tibetan Plateau. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2014</b> , 19, 1026-1035	1.8	44
51	Evaluating Depressional Process of Macropore Flow and Its Impact on Solute Transport. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2014</b> , 19, 04014005	1.8	1
50	Spatial and Temporal Scale Effect in Simulating Hydrologic Processes in a Watershed. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2014</b> , 19, 99-107	1.8	16
49	Closure to Estimating the Effects of Climatic Variability and Human Activities on Streamflow in the Hutuo River Basin, China By Shizhang Peng, Wanxin Liu, Weiguang Wang, Quanxi Shao, Xiyun Jiao, Zhongbo Yu, Wanqiu Xing, Junzeng Xu, Zengxin Zhang, and Yufeng Luo. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2014</b> , 19, 836-839	1.8	3
48	Climate Change Hotspots Identification in China through the CMIP5 Global Climate Model Ensemble. <i>Advances in Meteorology</i> , <b>2014</b> , 2014, 1-10	1.7	9
47	Response of Hydrologic Processes to Future Climate Changes in the Yangtze River Basin. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2014</b> , 19, 211-222	1.8	11
46	Hydrologic response of a high altitude glacierized basin in the central Tibetan Plateau. <i>Global and Planetary Change</i> , <b>2014</b> , 118, 69-84	4.2	52
45	Changes of reference evapotranspiration in the Haihe River Basin: Present observations and future projection from climatic variables through multi-model ensemble. <i>Global and Planetary Change</i> , <b>2014</b> , 115, 1-15	4.2	48
44	Investigating soil moisture sensitivity to precipitation and evapotranspiration errors using SiB2 model and ensemble Kalman filter. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2014</b> , 28, 681-693	3.5	9
43	Multimodel ensemble projections of future climate extreme changes in the Haihe River Basin, China. <i>Theoretical and Applied Climatology</i> , <b>2014</b> , 118, 405-417	3	10
42	Temperature responses of ammonia-oxidizing prokaryotes in freshwater sediment microcosms. <i>PLoS ONE</i> , <b>2014</b> , 9, e100653	3.7	26
41	Characterizing the changing behaviours of precipitation concentration in the Yangtze River Basin, China. <i>Hydrological Processes</i> , <b>2013</b> , 27, 3375-3393	3.3	61
40	Uncertainty Intercomparison of Different Hydrological Models in Simulating Extreme Flows. <i>Water Resources Management</i> , <b>2013</b> , 27, 1393-1409	3.7	55
39	Changes in reference evapotranspiration across the Tibetan Plateau: Observations and future projections based on statistical downscaling. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 4049-4068	4.4	72
38	Effects of Vegetation Cover on Hydrological Processes in a Large Region: Huaihe River Basin, China. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2013</b> , 18, 1477-1483	1.8	9
37	Changes in daily temperature and precipitation extremes in the Yellow River Basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2013</b> , 27, 401-421	3.5	82
36	Pacific and Atlantic Ocean influence on the spatiotemporal variability of heavy precipitation in the western United States. <i>Global and Planetary Change</i> , <b>2013</b> , 109, 38-45	4.2	32
35	Characterization of spatio-temporal patterns for various GRACE- and GLDAS-born estimates for changes of global terrestrial water storage. <i>Global and Planetary Change</i> , <b>2013</b> , 109, 30-37	4.2	41



34	How well do the GCMs/RCMs capture the multi-scale temporal variability of precipitation in the Southwestern United States?. <i>Journal of Hydrology</i> , <b>2013</b> , 479, 75-85	6	48
33	Conditions for lateral downslope unsaturated flow and effects of slope angle on soil moisture movement. <i>Journal of Hydrology</i> , <b>2013</b> , 486, 321-333	6	23
32	Effect of Gravel-Sand Mulch on Soil Water and Temperature in the Semiarid Loess Region of Northwest China. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2013</b> , 18, 1484-1494	1.8	23
31	Review of Advances in Hydrologic Science in China in the Last Decades: Impact Study of Climate Change and Human Activities. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2013</b> , 18, 1380-1384	1.8	17
30	Estimating the Effects of Climatic Variability and Human Activities on Streamflow in the Hutuo River Basin, China. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2013</b> , 18, 422-430	1.8	31
29	Statistical downscaling of extreme daily precipitation, evaporation, and temperature and construction of future scenarios. <i>Hydrological Processes</i> , <b>2012</b> , 26, 3510-3523	3.3	60
28	Statistical downscaling of extremes of precipitation and temperature and construction of their future scenarios in an elevated and cold zone. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2012</b> , 26, 405-418	3.5	39
27	Impact of climate change on flood and drought events in Huaihe River Basin, China <b>2012</b> , 43, 14-22		54
26	Assessing future climate changes and extreme indicators in east and south Asia using the RegCM4 regional climate model. <i>Climatic Change</i> , <b>2012</b> , 114, 301-317	4.5	70
25	A priori parameter estimates for a distributed, grid-based Xinanjiang model using geographically based information. <i>Journal of Hydrology</i> , <b>2012</b> , 468-469, 47-62	6	52
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