Bin He

List of Publications by Year in descending order

42 papers	1,434 citations	394421 19 h-index	330143 37 g-index
42 all docs	42 docs citations	42 times ranked	1745 citing authors

#	Article	IF	Citations
1	Non-point source pollution estimation in the Pingqiao River Basin, China, using a spatial hydrograph-separation approach. Hydrological Sciences Journal, 2019, 64, 962-973.	2.6	7
2	Spatiotemporal patterns and source attribution of nitrogen pollution in a typical headwater agricultural watershed in Southeastern China. Environmental Science and Pollution Research, 2018, 25, 2756-2773.	5.3	25
3	Identification of long-term trends and seasonality in high-frequency water quality data from the Yangtze River basin, China. PLoS ONE, 2018, 13, e0188889.	2.5	62
4	Spatiotemporal variability of Hokkaido's seasonal precipitation in recent decades and connection to water vapour flux. International Journal of Climatology, 2017, 37, 3660-3673.	3.5	18
5	Source Apportionment of Annual Water Pollution Loads in River Basins by Remote-Sensed Land Cover Classification. Water (Switzerland), 2016, 8, 361.	2.7	14
6	Water Quality Assessment and Pollution Source Identification of the Eastern Poyang Lake Basin Using Multivariate Statistical Methods. Sustainability, 2016, 8, 133.	3.2	168
7	Floods and associated socioeconomic damages in China over the last century. Natural Hazards, 2016, 82, 401-413.	3.4	143
8	Impacts of human activities and climate change on the water environment of Lake Poyang Basin, China. Geoenvironmental Disasters, 2015, 2, .	3.6	14
9	Changes of precipitation amounts and extremes over Japan between 1901 and 2012 and their connection to climate indices. Climate Dynamics, 2015, 45, 2273-2292.	3.8	78
10	Modeling the Effects of Land Use Change and Climate Change on Stream Flow Using GIS and a Hydrological Model. Springer Remote Sensing/photogrammetry, 2015, , 17-33.	0.4	1
11	Study of evapotranspiration and evaporation beneath the canopy in a buckwheat field. Theoretical and Applied Climatology, 2015, 122, 721-728.	2.8	20
12	Historical assessment of Chinese and Japanese flood management policies and implications for managing future floods. Environmental Science and Policy, 2015, 48, 265-277.	4.9	85
13	Climate Change Impacts on Wave Characteristics along the Coast of Japan from 1986 to 2012. Journal of Coastal Research, 2014, 68, 97-104.	0.3	5
14	Reconstruction assessment of historical land use: A case study in the Kamo River basin, Kyoto, Japan. Computers and Geosciences, 2014, 63, 106-115.	4.2	4
15	Development of ICL landslide teaching tools. Landslides, 2014, 11, 153-159.	5.4	5
16	Anomalous atmospheric events leading to Kyushuâ€™s flash floods, July 11â€“14, 2012. Natural Hazards, 2014, 73, 1255-1267.	3.4	37
17	Plenary: Progress in Landslide Dynamics. , 2014, , 37-67.		24
18	Spatiotemporal evaluation of water quality incidents in Japan between 1996 and 2007. Chemosphere, 2013, 93, 946-953.	8.2	61

#	Article	IF	Citations
19	Statistical analysis and estimation of annual suspended sediments of major rivers in Japan. Environmental Sciences: Processes and Impacts, 2013, 15, 1052.	3.5	23
20	Spatial and temporal trends in estimates of nutrient and suspended sediment loads in the Ishikari River, Japan, 1985 to 2010. Science of the Total Environment, 2013, 461-462, 499-508.	8.0	118
21	Estimating the Sources and Transport of Nitrogen Pollution in the Ishikari River Basin, Japan. Advanced Materials Research, 2012, 518-523, 3007-3010.	0.3	6
22	Analysis of stream water quality and estimation of nutrient load with the aid of Quick Bird remote sensing imagery. Hydrological Sciences Journal, 2012, 57, 850-860.	2.6	15
23	LAND USE CHANGE ANALYSIS AND PALEO-FLOOD IN THE KAMO RIVER BASIN, KYOTO, JAPAN. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2012, 68, I_127-I_132.	0.1	2
24	Spatiotemporal trend analysis of recent river water quality conditions in Japan. Journal of Environmental Monitoring, 2011, 13, 2819.	2.1	56
25	Assessment of global nitrogen pollution in rivers using an integrated biogeochemical modeling framework. Water Research, 2011, 45, 2573-2586.	11.3	115
26	CALIBRATION AND UNCERTAINTY ANALYSIS OF SWAT MODEL IN A JAPANESE RIVER CATCHMENT. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2011, 67, I_61-I_66.	0.1	8
27	Estimating monthly total nitrogen concentration in streams by using artificial neural network. Journal of Environmental Management, 2011, 92, 172-177.	7.8	51
28	Notice of Retraction: Statistical Analysis of Spatial and Temporal Distribution of Total Nitrogen in Japanese Rivers. , 2011, , .		0
29	Reply to the Discussion of â€œEffects of temporal resolution on hydrological model parameters and its impact on prediction of river dischargeâ€•by Littlewoodet al.. Hydrological Sciences Journal, 2011, 56, 525-528.	2.6	4
30	The role of forest stand density in controlling soil erosion: implications to sediment-related disasters in Japan. Environmental Monitoring and Assessment, 2010, 160, 337-354.	2.7	36
31	Estimation of Hourly Evapotranspiration in Arid Regions by a Simple Parameterization of Canopy Resistance. J Agricultural Meteorology, 2009, 65, 39-46.	1.5	9
32	Using remotely sensed imagery to estimate potential annual pollutant loads in river basins. Water Science and Technology, 2009, 60, 2009-2015.	2.5	22
33	Integrated biogeochemical modelling of nitrogen load from anthropogenic and natural sources in Japan. Ecological Modelling, 2009, 220, 2325-2334.	2.5	17
34	Estimating Land Use Impacts on Regional Scale Urban Water Balance and Groundwater Recharge. Water Resources Management, 2009, 23, 1863-1873.	3.9	33
35	Effects of temporal resolution on hydrological model parameters and its impact on prediction of river discharge / Effets de la rÃ©solution temporelle sur les paramÃ¨tres d'un modÃ¨le hydrologique et impact sur la prÃ©vision de l'Ã©coulement en riviÃ¨re. Hydrological Sciences Journal, 2009, 54, 886-898.	2.6	46
36	Application of a Hydrologic Model Considering Rainwater Storage to Analyze Storm-induced Landslides in a Forest Catchment. Water Resources Management, 2008, 22, 191-204.	3.9	5

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37	Numerical simulation of groundwater flow for a coastal plain in Japan: data collection and model calibration. Environmental Geology, 2008, 55, 1745-1753.	1.2	42
38	Pumping decisions for sustainable development of groundwater resources in areas of grassland degradation: a case study in Lanqi Banner, Inner Mongolia, China. Hydrogeology Journal, 2008, 16, 1101.	2.1	2
39	A semi-distributed groundwater recharge model for estimating water-table and water-balance variables. Hydrogeology Journal, 2008, 16, 1215-1228.	2.1	12
40	Regional groundwater prediction model using automatic parameter calibration SCE method for a coastal plain of Seto Inland Sea. Water Resources Management, 2007, 21, 947-959.	3.9	21
41	Measurement and Modeling of Evapotranspiration from an Irrigated Wheat Field in the Hetao Irrigation District of the Yellow River Basin. Suimon Mizu Shigen Gakkaishi, 2007, 20, 8-16.	0.1	5
42	Application of the Artificial Neural Network Method to Estimate the Missing Hydrologic Data. Suimon Mizu Shigen Gakkaishi, 2006, 19, 249-257.	0.1	15