Xuan Ban

List of Publications by Year
in descending order

17	384	933447 10	888059 17
papers	citations	h-index	g-index

17	17	17	415
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessment of Hydrologic Alterations Caused by the Three Gorges Dam in the Middle and Lower Reaches of Yangtze River, China. Water (Switzerland), 2014, 6, 1419-1434.	2.7	77
2	Application of Composite Water Quality Identification Index on the water quality evaluation in spatial and temporal variations: a case study in Honghu Lake, China. Environmental Monitoring and Assessment, 2014, 186, 4237-4247.	2.7	45
3	Evaluating ecological health in the middle-lower reaches of the Hanjiang River with cascade reservoirs using the Planktonic index of biotic integrity (P-IBI). Ecological Indicators, 2020, 114, 106282.	6.3	40
4	Monitoring Thermal Pollution in Rivers Downstream of Dams with Landsat ETM+ Thermal Infrared Images. Remote Sensing, 2017, 9, 1175.	4.0	38
5	Analysis of nutrient transport and ecological response in Honghu Lake, China by using a mathematical model. Science of the Total Environment, 2017, 575, 418-428.	8.0	37
6	Impact of Three Gorges Dam operation on the spawning success of four major Chinese carps. Ecological Engineering, 2019, 127, 268-275.	3.6	31
7	Improving Neural Network Prediction Accuracy for PM₁₀ Individual Air Quality Index Pollution Levels. Environmental Engineering Science, 2013, 30, 725-732.	1.6	23
8	Monitoring Perennial Sub-Surface Waterlogged Croplands Based on MODIS in Jianghan Plain, Middle Reaches of the Yangtze River. Journal of Integrative Agriculture, 2014, 13, 1791-1801.	3.5	17
9	The ecoâ€hydrologic influence of the Three Gorges Reservoir on the abundance of larval fish of four carp species in the Yangtze River, China. Ecohydrology, 2017, 10, e1763.	2.4	14
10	Considering ecological flow in multi-objective operation of cascade reservoir systems under climate variability with different hydrological periods. Journal of Environmental Management, 2022, 309, 114690.	7.8	13
11	Application of the CWQII method and a 2D water quality model to assess diversion schemes for East Lake (Donghu), Wuhan, China. Lake and Reservoir Management, 2014, 30, 358-370.	1.3	10
12	Macroinvertebrate assemblages in relation to environments in the dongting lake, with implications for ecological management of riverâ€connected lakes affected by dam construction. Environmental Progress and Sustainable Energy, 2017, 36, 914-920.	2.3	8
13	Multi-scale variability of hydrothermal regime based on wavelet analysis - The middle reaches of the Yangtze River, China. Science of the Total Environment, 2022, 841, 156598.	8.0	8
14	Characteristics of nutrients in natural wetland in winter: a case study. Environmental Monitoring and Assessment, 2012, 184, 5487-5495.	2.7	7
15	Transport characteristics of non-cohesive sediment with different hydrological durations and sediment transport formulas. Journal of Hydrology, 2020, 591, 125489.	5.4	6
16	Long-Term (1986â€“2018) Evolution of Channel Bars in Response to Combined Effects of Cascade Reservoirs in the Middle Reaches of the Hanjiang River. Water (Switzerland), 2020, 12, 136.	2.7	6
17	A computer-based vision method to automatically determine the 2-dimensional flow-field preference of fish. Journal of Hydraulic Research/De Recherches Hydrauliques, 2019, 57, 598-602.	1.7	4