Gengxin Ou

List of Publications by Year
in descending order

17 papers	336 citations	933447 10 h-index	1058476 14 g-index
18 all docs	18 docs citations	18 times ranked	394 citing authors

#	Article	IF	Citations
1	Can Hydraulic Conductivity of Fluvial Sediments be Informed by Spectral Reflectance?. Water Resources, 2020, 47, 846-854.	0.9	0
2	Quantifying Process Connectivity With Transfer Entropy in Hydrologic Models. Water Resources Research, 2019, 55, 4613-4629.	4.2	26
3	Climate change implications for irrigation and groundwater in the Republican River Basin, USA. Climatic Change, 2018, 151, 303-316.	3.6	14
4	A Framework for Tracing Socialâ€"Ecological Trajectories and Traps in Intensive Agricultural Landscapes. Sustainability, 2018, 10, 1646.	3.2	10
5	A MODFLOW package to linearize stream depletion analysis. Journal of Hydrology, 2016, 532, 9-15.	5.4	5
6	SMPP: The Spreadsheet-Based MODFLOW Pre-Processor. Ground Water, 2015, 53, 675-676.	1.3	0
7	Transmission losses during two flood events in the Platte River, south-central Nebraska. Journal of Hydrology, 2015, 520, 244-253.	5.4	4
8	Effect of temperature on streambed vertical hydraulic conductivity. Hydrology Research, 2014, 45, 89-98.	2.7	5
9	Response of Hydrologic Processes to Future Climate Changes in the Yangtze River Basin. Journal of Hydrologic Engineering - ASCE, 2014, 19, 211-222.	1.9	16
10	Study of canopy transpiration based on a distributed hydrology model in a small karst watershed of southwest China. Carbonates and Evaporites, 2013, 28, 111-117.	1.0	2
11	Development of a cross-section based streamflow routing package for MODFLOW. Environmental Modelling and Software, 2013, 50, 132-143.	4.5	16
12	Gaining and losing stream reaches have opposite hydraulic conductivity distribution patterns. Hydrology and Earth System Sciences, 2013, 17, 2569-2579.	4.9	34
13	Comparison of vertical hydraulic conductivity in a streambed-point bar system of a gaining stream. Journal of Hydrology, 2012, 450-451, 9-16.	5.4	33
14	Horizontal hydraulic conductivity of shallow streambed sediments and comparison with the grainâ€size analysis results. Hydrological Processes, 2012, 26, 454-466.	2.6	48
15	Determination of the anisotropy of an upper streambed layer in east-central Nebraska, USA. Hydrogeology Journal, 2012, 20, 93-101.	2.1	12
16	Division-based rainfall-runoff simulations with BP neural networks and Xinanjiang model. Neurocomputing, 2009, 72, 2873-2883.	5.9	105
17	Streamflow Simulation with an Integrated Approach of Wavelet Analysis and Artificial Neural Networks. , 2008, , .		4