Xiaoyan He

List of Publications by Year
in descending order

9 papers	**179** citations	1040056 **9** h-index	1474206 **9** g-index
9 all docs	**9** docs citations	**9** times ranked	**197** citing authors

#	Article	IF	Citations
1	Heterogeneous parallel computing accelerated generalized likelihood uncertainty estimation (GLUE) method for fast hydrological model uncertainty analysis purpose. Engineering With Computers, 2020, 36, 75-96.	6.1	14
2	Hybrid machine learning hydrological model for flood forecast purpose. Open Geosciences, 2020, 12, 813-820.	1.7	21
3	Computer Aided Numerical Methods for Hydrological Model Calibration: An Overview and Recent Development. Archives of Computational Methods in Engineering, 2019, 26, 35-59.	10.2	35
4	Fast hydrological model calibration based on the heterogeneous parallel computing accelerated shuffled complex evolution method. Engineering Optimization, 2018, 50, 106-119.	2.6	18
5	A novel hybrid data-driven model for multi-input single-output system simulation. Neural Computing and Applications, 2018, 29, 577-593.	5.6	9
6	An Improved Coupled Routing and Excess Storage (CREST) Distributed Hydrological Model and Its Verification in Ganjiang River Basin, China. Water (Switzerland), 2017, 9, 904.	2.7	19
7	Study on Applicability of Conceptual Hydrological Models for Flood Forecasting in Humid, Semi-Humid Semi-Arid and Arid Basins in China. Water (Switzerland), 2017, 9, 719.	2.7	31
8	A heterogeneous computing accelerated SCE-UA global optimization method using OpenMP, OpenCL, CUDA, and OpenACC. Water Science and Technology, 2017, 76, 1640-1651.	2.5	14
9	Accelerating the SCE-UA Global Optimization Method Based on Multi-Core CPU and Many-Core GPU. Advances in Meteorology, 2016, 2016, 1-10.	1.6	18