Greer B Humphrey

List of Publications by Year
in descending order

10 papers	684 citations	932766 10 h-index	1372195 10 g-index
11 all docs	11 docs citations	11 times ranked	895 citing authors

#	Article	IF	Citations
1	A hybrid approach to monthly streamflow forecasting: Integrating hydrological model outputs into a Bayesian artificial neural network. Journal of Hydrology, 2016, 540, 623-640.	2.3	178
2	An evaluation framework for input variable selection algorithms for environmental data-driven models. Environmental Modelling and Software, 2014, 62, 33-51.	1.9	163
3	Bayesian training of artificial neural networks used for water resources modeling. Water Resources Research, 2005, 41, .	1.7	89
4	Calibration and validation of neural networks to ensure physically plausible hydrological modeling. Journal of Hydrology, 2005, 314, 158-176.	2.3	65
5	Improved validation framework and R-package for artificial neural network models. Environmental Modelling and Software, 2017, 92, 82-106.	1.9	49
6	Bayesian model selection applied to artificial neural networks used for water resources modeling. Water Resources Research, 2008, 44, .	1.7	32
7	State updating and calibration period selection to improve dynamic monthly streamflow forecasts for an environmental flow management application. Hydrology and Earth System Sciences, 2018, 22, 871-887.	1.9	30
8	Computational intelligence methods for the efficient reliability analysis of complex flood defence structures. Structural Safety, 2011, 33, 64-73.	2.8	27
9	A probabilistic method for assisting knowledge extraction from artificial neural networks used for hydrological prediction. Mathematical and Computer Modelling, 2006, 44, 499-512.	2.0	26
10	Risk-based approach for assessing the effectiveness of flow management in controlling cyanobacterial blooms in rivers. River Research and Applications, 2004, 20, 459-471.	0.7	25