Muhammad Shoaib

List of Publications by Citations

19 papers	312 citations	8 h-index	17 g-index
19 ext. papers	416 ext. citations	3.4 avg, IF	3.51 L-index

#	Paper	IF	Citations
19	Comparative study of different wavelet based neural network models for rainfall–runoff modeling. *Journal of Hydrology*, **2014**, 515, 47-58	6	88
18	A comparison between wavelet based static and dynamic neural network approaches for runoff prediction. *Journal of Hydrology*, **2016**, 535, 211-225	6	59
17	Runoff forecasting using hybrid Wavelet Gene Expression Programming (WGEP) approach. *Journal of Hydrology*, **2015**, 527, 326-344	6	57
16	A Comparative Study of Various Hybrid Wavelet Feedforward Neural Network Models for Runoff Forecasting. *Water Resources Management*, **2018**, 32, 83-103	3.7	24
15	Input Selection of Wavelet-Coupled Neural Network Models for Rainfall-Runoff Modelling. *Water Resources Management*, **2019**, 33, 955-973	3.7	16
14	Hybrid Wavelet Neuro-Fuzzy Approach for Rainfall-Runoff Modeling. *Journal of Computing in Civil Engineering*, **2016**, 30, 04014125	5	13
13	A wavelet based approach for combining the outputs of different rainfall–runoff models. *Stochastic Environmental Research and Risk Assessment*, **2018**, 32, 155-168	3.5	13
12	Comparative Assessment of Reference Evapotranspiration Estimation Using Conventional Method and Machine Learning Algorithms in Four Climatic Regions. *Pure and Applied Geophysics*, **2020**, 177, 4479-4508	2.2	11
11	Rainfall forecasting in upper Indus basin using various artificial intelligence techniques. *Stochastic Environmental Research and Risk Assessment*,1	3.5	7
10	Application of non-conventional soft computing approaches for estimation of reference evapotranspiration in various climatic regions. *Theoretical and Applied Climatology*, **2020**, 139, 1459-1477	3	6
9	Spatio-temporal evaluation of gridded precipitation products for the high-altitude Indus basin. *International Journal of Climatology*, **2021**, 41, 4283-4306	3.5	5
8	Hybrid Wavelet Neural Network Approach. *Studies in Computational Intelligence*, **2016**, 127-143	0.8	4
7	Hydraulic investigation of the impact of retrofitting floating treatment wetlands in retention ponds. *Water Science and Technology*, **2019**, 80, 1476-1484	2.2	3
6	Performance Evaluation of Soft Computing Approaches for Forecasting COVID-19 Pandemic Cases. *SN Computer Science*, **2021**, 2, 372	2	3
5	Utilization of Markov chain Monte Carlo approach for calibration and uncertainty analysis of environmental models **2018**,		1
4	Application of Machine Learning Techniques in Rainfall–Runoff Modelling of the Soan River Basin, Pakistan. *Water (Switzerland)*, **2021**, 13, 3528	3	1
3	The Effect of Fines on Hydraulic Conductivity of Lawrencepur, Chenab and Ravi Sand. *Processes*, **2019**, 7, 796	2.9	1

2	Hydroclimatology of the Chitral River in the Indus Basin under Changing Climate. *Atmosphere*, **2022**, 13, 295	2.7	0
1	Development of Monthly Reference Evapotranspiration Machine Learning Models and Mapping of Pakistan: A Comparative Study. *Water (Switzerland)*, **2022**, 14, 1666	3	0