

# Muhammad Shoaib

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Hydroclimatology of the Chitral River in the Indus Basin under Changing Climate. <i>Atmosphere</i> , <b>2022</b> , 13, 295	2.7	0
18	Development of Monthly Reference Evapotranspiration Machine Learning Models and Mapping of Pakistan A Comparative Study. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 1666	3	0
17	Application of Machine Learning Techniques in RainfallRunoff Modelling of the Soan River Basin, Pakistan. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 3528	3	1
16	Spatio-temporal evaluation of gridded precipitation products for the high-altitude Indus basin. <i>International Journal of Climatology</i> , <b>2021</b> , 41, 4283-4306	3.5	5
15	Performance Evaluation of Soft Computing Approaches for Forecasting COVID-19 Pandemic Cases. <i>SN Computer Science</i> , <b>2021</b> , 2, 372	2	3
14	Comparative Assessment of Reference Evapotranspiration Estimation Using Conventional Method and Machine Learning Algorithms in Four Climatic Regions. <i>Pure and Applied Geophysics</i> , <b>2020</b> , 177, 4479-4508	2.2	11
13	Application of non-conventional soft computing approaches for estimation of reference evapotranspiration in various climatic regions. <i>Theoretical and Applied Climatology</i> , <b>2020</b> , 139, 1459-1477	3	6
12	Hydraulic investigation of the impact of retrofitting floating treatment wetlands in retention ponds. <i>Water Science and Technology</i> , <b>2019</b> , 80, 1476-1484	2.2	3
11	The Effect of Fines on Hydraulic Conductivity of Lawrencepur, Chenab and Ravi Sand. <i>Processes</i> , <b>2019</b> , 7, 796	2.9	1
10	Input Selection of Wavelet-Coupled Neural Network Models for Rainfall-Runoff Modelling. <i>Water Resources Management</i> , <b>2019</b> , 33, 955-973	3.7	16
9	Utilization of Markov chain Monte Carlo approach for calibration and uncertainty analysis of environmental models <b>2018</b> ,		1
8	A wavelet based approach for combining the outputs of different rainfallRunoff models. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2018</b> , 32, 155-168	3.5	13
7	A Comparative Study of Various Hybrid Wavelet Feedforward Neural Network Models for Runoff Forecasting. <i>Water Resources Management</i> , <b>2018</b> , 32, 83-103	3.7	24
6	Hybrid Wavelet Neuro-Fuzzy Approach for Rainfall-Runoff Modeling. <i>Journal of Computing in Civil Engineering</i> , <b>2016</b> , 30, 04014125	5	13
5	Hybrid Wavelet Neural Network Approach. <i>Studies in Computational Intelligence</i> , <b>2016</b> , 127-143	0.8	4
4	A comparison between wavelet based static and dynamic neural network approaches for runoff prediction. <i>Journal of Hydrology</i> , <b>2016</b> , 535, 211-225	6	59
3	Runoff forecasting using hybrid Wavelet Gene Expression Programming (WGEP) approach. <i>Journal of Hydrology</i> , <b>2015</b> , 527, 326-344	6	57

2	Comparative study of different wavelet based neural network models for rainfall runoff modeling. <i>Journal of Hydrology</i> , <b>2014</b> , 515, 47-58	6	88
1	Rainfall forecasting in upper Indus basin using various artificial intelligence techniques. <i>Stochastic Environmental Research and Risk Assessment</i> ,1	3-5	7