Dillip Ghose

List of Publications by Citations

20 papers	253 citations	10 h-index	15 g-index
21 ext. papers	320 ext. citations	2 avg, IF	4.42 L-index

#	Paper	IF	Citations
20	Prediction of water table depth in western region, Orissa using BPNN and RBFN neural networks. *Journal of Hydrology*, **2010**, 394, 296-304	6	54
19	Stream Flow Forecasting in Mahanadi River Basin using Artificial Neural Networks. *Procedia Computer Science*, **2019**, 157, 168-174	1.6	23
18	Modelling sediment concentration using back propagation neural network and regression coupled with genetic algorithm. *Procedia Computer Science*, **2018**, 125, 85-92	1.6	21
17	Evaluation of suspended sediment concentration using descent neural networks. *Procedia Computer Science*, **2018**, 132, 1824-1831	1.6	19
16	Modeling response of runoff and evapotranspiration for predicting water table depth in arid region using dynamic recurrent neural network. *Groundwater for Sustainable Development*, **2018**, 6, 263-269	6	18
15	Prediction and optimization of runoff via ANFIS and GA. *AEJ - Alexandria Engineering Journal*, **2013**, 52, 209-220	6.1	18
14	Prediction of Flood in Barak River using Hybrid Machine Learning Approaches: A Case Study. *Journal of the Geological Society of India*, **2021**, 97, 186-198	1.3	18
13	Assessment of Sediment Load Concentration Using SVM, SVM-FFA and PSR-SVM-FFA in Arid Watershed, India: A Case Study. *KSCE Journal of Civil Engineering*, **2020**, 24, 1944-1957	1.9	11
12	Modelling runoff in an arid watershed through integrated support vector machine. *H2Open Journal*, **2020**, 3, 256-275	1.4	11
11	Sediment assessment for a watershed in arid region via neural networks. *Sadhana - Academy Proceedings in Engineering Sciences*, **2019**, 44, 1	1	10
10	Assessment of Suspended Sediment Load with Neural Networks in Arid Watershed. *Journal of the Institution of Engineers (India): Series A*, **2020**, 101, 371-380	1	8
9	Sedimentation Process and Its Assessment Through Integrated Sensor Networks and Machine Learning Process. *Studies in Computational Intelligence*, **2019**, 473-488	0.8	8
8	Modeling water table depth using adaptive Neuro-Fuzzy Inference System. *ISH Journal of Hydraulic Engineering*, **2019**, 25, 291-297	1.5	8
7	Integrated Sensor Networking for Estimating Ground Water Potential in Scanty Rainfall Region: Challenges and Evaluation. *Studies in Computational Intelligence*, **2019**, 335-352	0.8	5
6	Modelling runoff in a river basin, India: an integration for developing un-gauged catchment. *International Journal of Hydrology Science and Technology*, **2020**, 10, 248	1.5	5
5	Multiscale Spatiotemporal Analysis of Extreme Events in the Gomati River Basin, India. *Atmosphere*, **2021**, 12, 480	2.7	4
4	Sediment yield prediction using neural networks at a watershed in south east India. *ISH Journal of Hydraulic Engineering*, **2018**, 24, 230-238	1.5	3

3	Sedimentation Load Analysis Using ANN and GA. *Applied Mechanics and Materials*, **2011**, 110-116, 2693-2698	0.3	2
2	Modeling Runoff Using Feed Forward-Back Propagation and Layer Recurrent Neural Networks. *Advances in Intelligent Systems and Computing*, **2019**, 75-85	0.4	1
1	Imputation of missing precipitation data using KNN, SOM, RF, and FNN. *Soft Computing*,1	3.5	1