# Dillip Ghose

List of Publications by Year
in descending order

| 20 | 406 | 758635 | 752256 |
|---|---|---|---|
| papers | citations | 12 | 20 |
| | | h-index | g-index |

| 21 | 21 | 21 | 332 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Prediction of water table depth in western region, Orissa using BPNN and RBFN neural networks. Journal of Hydrology, 2010, 394, 296-304. | 2.3 | 82 |
| 2 | Stream Flow Forecasting in Mahanadi River Basin using Artificial Neural Networks. Procedia Computer Science, 2019, 157, 168-174. | 1.2 | 39 |
| 3 | 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. | 0.5 | 37 |
| 4 | 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. | 2.3 | 31 |
| 5 | Prediction and optimization of runoff via ANFIS and GA. AEJ - Alexandria Engineering Journal, 2013, 52, 209-220. | 3.4 | 25 |
| 6 | Evaluation of suspended sediment concentration using descent neural networks. Procedia Computer Science, 2018, 132, 1824-1831. | 1.2 | 23 |
| 7 | Modelling sediment concentration using back propagation neural network and regression coupled with genetic algorithm. Procedia Computer Science, 2018, 125, 85-92. | 1.2 | 22 |
| 8 | Imputation of missing precipitation data using KNN, SOM, RF, and FNN. Soft Computing, 2022, 26, 5919-5936. | 2.1 | 22 |
| 9 | 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. | 0.9 | 19 |
| 10 | Sediment assessment for a watershed in arid region via neural networks. Sadhana - Academy Proceedings in Engineering Sciences, 2019, 44, 1. | 0.8 | 17 |
| 11 | Modelling runoff in an arid watershed through integrated support vector machine. H2Open Journal, 2020, 3, 256-275. | 0.8 | 14 |
| 12 | Multiscale Spatiotemporal Analysis of Extreme Events in the Gomati River Basin, India. Atmosphere, 2021, 12, 480. | 1.0 | 14 |
| 13 | Prediction of S12-MKII rainfall simulator experimental runoff data sets using hybrid PSR-SVM-FFA approaches. Journal of Water and Climate Change, 2022, 13, 707-734. | 1.2 | 13 |
| 14 | Modeling water table depth using adaptive Neuro-Fuzzy Inference System. ISH Journal of Hydraulic Engineering, 2019, 25, 291-297. | 1.1 | 11 |
| 15 | Sedimentation Process and Its Assessment Through Integrated Sensor Networks and Machine Learning Process. Studies in Computational Intelligence, 2019, , 473-488. | 0.7 | 9 |
| 16 | Assessment of Suspended Sediment Load with Neural Networks in Arid Watershed. Journal of the Institution of Engineers (India): Series A, 2020, 101, 371-380. | 0.6 | 9 |
| 17 | Modelling runoff in a river basin, India: an integration for developing un-gauged catchment. International Journal of Hydrology Science and Technology, 2020, 10, 248. | 0.2 | 6 |
| 18 | Sediment yield prediction using neural networks at a watershed in south east India. ISH Journal of Hydraulic Engineering, 2018, 24, 230-238. | 1.1 | 5 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Integrated Sensor Networking for Estimating Ground Water Potential in Scanty Rainfall Region: Challenges and Evaluation. Studies in Computational Intelligence, 2019, , 335-352. | 0.7 | 5 |
| 20 | Sedimentation Load Analysis Using ANN and GA. Applied Mechanics and Materials, 0, 110-116, 2693-2698. | 0.2 | 2 |