N K Goel

List of Publications by Year
in descending order

20 papers	718 citations	623188 14 h-index	752256 20 g-index
21 all docs	21 docs citations	21 times ranked	785 citing authors

#	Article	IF	Citations
1	Trend analysis of hydro-meteorological parameters in the Jhelum River basin, North Western Himalayas. Theoretical and Applied Climatology, 2022, 148, 1417-1428.	1.3	13
2	Modeling of peak discharges and frequency analysis of floods on the Jhelum river, North Western Himalayas. Modeling Earth Systems and Environment, 2021, 7, 1991-2003.	1.9	7
3	Modeling of annual rainfall extremes in the Jhelum River basin, North Western Himalayas. Sustainable Water Resources Management, 2021, 7, 1.	1.0	4
4	Physiographic Analysis of Tehri Dam Catchment and Development of GIUH Based Nash Model for Ungauged Rivers. Current World Environment Journal, 2019, 14, 215-230.	0.2	2
5	Effect of Climate Change on Runoff Generation: Application to Rift Valley Lakes Basin of Ethiopia. Journal of Hydrologic Engineering - ASCE, 2013, 18, 1048-1063.	0.8	23
6	Soft Computing–Based Workable Flood Forecasting Model for Ayeyarwady River Basin of Myanmar. Journal of Hydrologic Engineering - ASCE, 2012, 17, 807-822.	0.8	12
7	Development of the Jamuneswari Flood Forecasting System: Case Study in Bangladesh. Journal of Hydrologic Engineering - ASCE, 2012, 17, 1123-1140.	0.8	15
8	Application of Clustering Techniques Using Prioritized Variables in Regional Flood Frequency Analysis–Case Study of Mahanadi Basin. Journal of Hydrologic Engineering - ASCE, 2012, 17, 213-223.	0.8	22
9	Design Flow and Stage Computations in the Teesta River, Bangladesh, Using Frequency Analysis and MIKE 11 Modeling. Journal of Hydrologic Engineering - ASCE, 2011, 16, 176-186.	0.8	45
10	Comparative study of neural network, fuzzy logic and linear transfer function techniques in daily rainfall–runoff modelling under different input domains. Hydrological Processes, 2011, 25, 175-193.	1.1	67
11	Development of isopluvial map using L-moment approach for Tehri-Garhwal Himalaya. Stochastic Environmental Research and Risk Assessment, 2010, 24, 411-423.	1.9	15
12	Limitation of 90 m SRTM DEM in drainage network delineation using D8 method–a case study in flat terrain of Bangladesh. Applied Geomatics, 2010, 2, 49-58.	1.2	27
13	Performance Investigation of Nakagami-m Distribution to Derive Flood Hydrograph by Genetic Algorithm Optimization Approach. Journal of Hydrologic Engineering - ASCE, 2010, 15, 658-666.	0.8	17
14	Adequacy of Nakagami-m Distribution Function to Derive GIUH. Journal of Hydrologic Engineering - ASCE, 2009, 14, 1070-1079.	0.8	17
15	Spatial Distribution of Rainfall in Indian Himalayas – A Case Study of Uttarakhand Region. Water Resources Management, 2008, 22, 1325-1346.	1.9	130
16	Deriving stage–discharge–sediment concentration relationships using fuzzy logic. Hydrological Sciences Journal, 2007, 52, 793-807.	1.2	85
17	Spatial Distribution and Seasonal Variability of Rainfall in a Mountainous Basin in the Himalayan Region. Water Resources Management, 2006, 20, 489-508.	1.9	38
18	Derivation of a curve number and kinematic-wave based flood frequency distribution. Hydrological Sciences Journal, 2001, 46, 571-584.	1.2	6

#	Article	IF	Citations
19	The formation of groups for regional flood frequency analysis. Hydrological Sciences Journal, 2000, 45, 97-112.	1.2	120
20	Derived flood frequency distribution for negatively correlated rainfall intensity and duration. Water Resources Research, 1997, 33, 2103-2107.	1.7	51