

N K Goel

List of Publications by Year in descending order

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Version: 2024-02-01

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	Spatial Distribution of Rainfall in Indian Himalayas â€” A Case Study of Uttarakhand Region. <i>Water Resources Management</i> , 2008, 22, 1325-1346.	1.9	130
2	The formation of groups for regional flood frequency analysis. <i>Hydrological Sciences Journal</i> , 2000, 45, 97-112.	1.2	120
3	Deriving stageâ€”dischargeâ€”sediment concentration relationships using fuzzy logic. <i>Hydrological Sciences Journal</i> , 2007, 52, 793-807.	1.2	85
4	Comparative study of neural network, fuzzy logic and linear transfer function techniques in daily rainfallâ€”runoff modelling under different input domains. <i>Hydrological Processes</i> , 2011, 25, 175-193.	1.1	67
5	Derived flood frequency distribution for negatively correlated rainfall intensity and duration. <i>Water Resources Research</i> , 1997, 33, 2103-2107.	1.7	51
6	Design Flow and Stage Computations in the Teesta River, Bangladesh, Using Frequency Analysis and MIKE 11 Modeling. <i>Journal of Hydrologic Engineering - ASCE</i> , 2011, 16, 176-186.	0.8	45
7	Spatial Distribution and Seasonal Variability of Rainfall in a Mountainous Basin in the Himalayan Region. <i>Water Resources Management</i> , 2006, 20, 489-508.	1.9	38
8	Limitation of 90m SRTM DEM in drainage network delineation using D8 methodâ€”a case study in flat terrain of Bangladesh. <i>Applied Geomatics</i> , 2010, 2, 49-58.	1.2	27
9	Effect of Climate Change on Runoff Generation: Application to Rift Valley Lakes Basin of Ethiopia. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013, 18, 1048-1063.	0.8	23
10	Application of Clustering Techniques Using Prioritized Variables in Regional Flood Frequency Analysisâ€”Case Study of Mahanadi Basin. <i>Journal of Hydrologic Engineering - ASCE</i> , 2012, 17, 213-223.	0.8	22
11	Adequacy of Nakagami-m Distribution Function to Derive GIUH. <i>Journal of Hydrologic Engineering - ASCE</i> , 2009, 14, 1070-1079.	0.8	17
12	Performance Investigation of Nakagami-m Distribution to Derive Flood Hydrograph by Genetic Algorithm Optimization Approach. <i>Journal of Hydrologic Engineering - ASCE</i> , 2010, 15, 658-666.	0.8	17
13	Development of isopluvial map using L-moment approach for Tehri-Garhwal Himalaya. <i>Stochastic Environmental Research and Risk Assessment</i> , 2010, 24, 411-423.	1.9	15
14	Development of the Jamuneswari Flood Forecasting System: Case Study in Bangladesh. <i>Journal of Hydrologic Engineering - ASCE</i> , 2012, 17, 1123-1140.	0.8	15
15	Trend analysis of hydro-meteorological parameters in the Jhelum River basin, North Western Himalayas. <i>Theoretical and Applied Climatology</i> , 2022, 148, 1417-1428.	1.3	13
16	Soft Computingâ€”Based Workable Flood Forecasting Model for Ayeyarwady River Basin of Myanmar. <i>Journal of Hydrologic Engineering - ASCE</i> , 2012, 17, 807-822.	0.8	12
17	Modeling of peak discharges and frequency analysis of floods on the Jhelum river, North Western Himalayas. <i>Modeling Earth Systems and Environment</i> , 2021, 7, 1991-2003.	1.9	7
18	Derivation of a curve number and kinematic-wave based flood frequency distribution. <i>Hydrological Sciences Journal</i> , 2001, 46, 571-584.	1.2	6

#	ARTICLE	IF	CITATIONS
19	Modeling of annual rainfall extremes in the Jhelum River basin, North Western Himalayas. Sustainable Water Resources Management, 2021, 7, 1.	1.0	4
20	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