## Pushpendra Singh

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A review of the synthetic unit hydrograph: from the empirical UH to advanced geomorphological methods. Hydrological Sciences Journal, 2014, 59, 239-261.	2.6	65
2	A sediment graph model based on SCS-CN method. Journal of Hydrology, 2008, 349, 244-255.	5.4	60
3	An assessment of global satelliteâ€based precipitation datasets in capturing precipitation extremes: A comparison with observed precipitation dataset in India. International Journal of Climatology, 2020, 40, 3667-3688.	3.5	60
4	Development of a Modified SMA Based MSCS-CN Model for Runoff Estimation. Water Resources Management, 2015, 29, 4111-4127.	3.9	52
5	Inter-comparisons and applicability of CMIP5 GCMs, RCMs and statistically downscaled NEX-GDDP based precipitation in India. Science of the Total Environment, 2019, 697, 134163.	8.0	42
6	SCS-CN Based Quantification of Potential of Rooftop Catchments and Computation of ASRC for Rainwater Harvesting. Water Resources Management, 2013, 27, 2001-2012.	3.9	38
7	Activation soil moisture accounting (ASMA) for runoff estimation using soil conservation service curve number (SCS-CN) method. Journal of Hydrology, 2020, 589, 125114.	5.4	36
8	An extended hybrid model for synthetic unit hydrograph derivation. Journal of Hydrology, 2007, 336, 347-360.	5.4	28
9	A Simple Conceptual Model of Sediment Yield. Water Resources Management, 2010, 24, 1697-1716.	3.9	28
10	Hydrology and water resources management in ancient India. Hydrology and Earth System Sciences, 2020, 24, 4691-4707.	4.9	18
11	An assessment of water consumption patterns and land productivity and water productivity using WA+ framework and satellite data inputs. Physics and Chemistry of the Earth, 2022, 126, 103053.	2.9	12
12	Efficacy of slope-adjusted curve number models with varying initial abstraction coefficient for runoff estimation. International Journal of Hydrology Science and Technology, 2018, 8, 317.	0.3	10
13	Simplified SMA-inspired 1-parameter SCS-CN model for runoff estimation. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	10
14	Examining evaporative demand and water availability in recent past for sustainable agricultural water management in India at sub-basin scale. Journal of Cleaner Production, 2022, 346, 130993.	9.3	9
15	Incidence of Escherichia coli in Vegetable Crops and Soil Profile Drip Irrigated with Primarily Treated Municipal Wastewater in a Semi-Arid Peri Urban Area. Agriculture (Switzerland), 2020, 10, 291.	3.1	7
16	A variable storage coefficient model for rainfall—runoff computation / Modèle pluie—débit basé sur un coefficient de stockage variable. Hydrological Sciences Journal, 2008, 53, 338-352.	2.6	5
17	Fitting a simplified two-parameter gamma distribution function for synthetic sediment graph derivation from ungauged catchments. Arabian Journal of Geosciences, 2013, 6, 1835-1841.	1.3	5
18	<scp>Rainstormâ€generated</scp> sediment yield model based on soil moisture proxies ( <scp>SMP</scp> ). Hydrological Processes, 2020, 34, 3448-3463.	2.6	5

#	Article	IF	CITATIONS
19	Major Challenges That Climate Change Will Bring to Hydrologists. Journal of Hydrologic Engineering - ASCE, 2020, 25, .	1.9	2
20	<i>Determination of curve number and estimation of runoff using experimental rainfall and runoff data</i> . , 2018, , .		1
21	Efficacy of slope-adjusted curve number models with varying initial abstraction coefficient for runoff estimation. International Journal of Hydrology Science and Technology, 2018, 8, 317.	0.3	1