

Pushpendra Singh

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

495
citations

949033

11
h-index

843174

20
g-index

22
all docs

22
docs citations

22
times ranked

585
citing authors

#	ARTICLE	IF	CITATIONS
1	An assessment of water consumption patterns and land productivity and water productivity using WA+ framework and satellite data inputs. <i>Physics and Chemistry of the Earth</i> , 2022, 126, 103053.	1.2	12
2	Examining evaporative demand and water availability in recent past for sustainable agricultural water management in India at sub-basin scale. <i>Journal of Cleaner Production</i> , 2022, 346, 130993.	4.6	9
3	An assessment of global satellite-based precipitation datasets in capturing precipitation extremes: A comparison with observed precipitation dataset in India. <i>International Journal of Climatology</i> , 2020, 40, 3667-3688.	1.5	60
4	Incidence of <i>Escherichia coli</i> in Vegetable Crops and Soil Profile Drip Irrigated with Primarily Treated Municipal Wastewater in a Semi-Arid Peri Urban Area. <i>Agriculture (Switzerland)</i> , 2020, 10, 291.	1.4	7
5	Major Challenges That Climate Change Will Bring to Hydrologists. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020, 25, .	0.8	2
6	Activation soil moisture accounting (ASMA) for runoff estimation using soil conservation service curve number (SCS-CN) method. <i>Journal of Hydrology</i> , 2020, 589, 125114.	2.3	36
7	<scp>Rainstorm-generated</scp> sediment yield model based on soil moisture proxies (<scp>SMP</scp>). <i>Hydrological Processes</i> , 2020, 34, 3448-3463.	1.1	5
8	Hydrology and water resources management in ancient India. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 4691-4707.	1.9	18
9	Inter-comparisons and applicability of CMIP5 GCMs, RCMs and statistically downscaled NEX-GDDP based precipitation in India. <i>Science of the Total Environment</i> , 2019, 697, 134163.	3.9	42
10	Efficacy of slope-adjusted curve number models with varying initial abstraction coefficient for runoff estimation. <i>International Journal of Hydrology Science and Technology</i> , 2018, 8, 317.	0.2	10
11	<i>Determination of curve number and estimation of runoff using experimental rainfall and runoff data</i>, 2018, .		1
12	Simplified SMA-inspired 1-parameter SCS-CN model for runoff estimation. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	10
13	Efficacy of slope-adjusted curve number models with varying initial abstraction coefficient for runoff estimation. <i>International Journal of Hydrology Science and Technology</i> , 2018, 8, 317.	0.2	1
14	Development of a Modified SMA Based MSCS-CN Model for Runoff Estimation. <i>Water Resources Management</i> , 2015, 29, 4111-4127.	1.9	52
15	A review of the synthetic unit hydrograph: from the empirical UH to advanced geomorphological methods. <i>Hydrological Sciences Journal</i> , 2014, 59, 239-261.	1.2	65
16	Fitting a simplified two-parameter gamma distribution function for synthetic sediment graph derivation from ungauged catchments. <i>Arabian Journal of Geosciences</i> , 2013, 6, 1835-1841.	0.6	5
17	SCS-CN Based Quantification of Potential of Rooftop Catchments and Computation of ASRC for Rainwater Harvesting. <i>Water Resources Management</i> , 2013, 27, 2001-2012.	1.9	38
18	A Simple Conceptual Model of Sediment Yield. <i>Water Resources Management</i> , 2010, 24, 1697-1716.	1.9	28

#	ARTICLE	IF	CITATIONS
19	A sediment graph model based on SCS-CN method. Journal of Hydrology, 2008, 349, 244-255.	2.3	60
20	A variable storage coefficient model for rainfall runoff computation / Modèle pluie runoff à coefficient de stockage variable. Hydrological Sciences Journal, 2008, 53, 338-352.	1.2	5
21	An extended hybrid model for synthetic unit hydrograph derivation. Journal of Hydrology, 2007, 336, 347-360.	2.3	28