

# Pratap Singh

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

2,442  
citations

218592

26  
h-index

395590

33  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1882  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact assessment of climate change on the hydrological response of a snow and glacier melt runoff dominated Himalayan river. <i>Journal of Hydrology</i> , 1997, 193, 316-350.	2.3	212
2	Hydrological sensitivity of a large Himalayan basin to climate change. <i>Hydrological Processes</i> , 2004, 18, 2363-2385.	1.1	201
3	Effect of orography on precipitation in the western Himalayan region. <i>Journal of Hydrology</i> , 1997, 199, 183-206.	2.3	164
4	Evaluation of temperature trends over India / Evaluation de tendances de température en Inde. <i>Hydrological Sciences Journal</i> , 2005, 50, .	1.2	160
5	Impact of warmer climate on melt and evaporation for the rainfed, snowfed and glacierfed basins in the Himalayan region. <i>Journal of Hydrology</i> , 2005, 300, 140-154.	2.3	154
6	Snow and glacier melt in the Satluj River at Bhakra Dam in the western Himalayan region. <i>Hydrological Sciences Journal</i> , 2002, 47, 93-106.	1.2	153
7	Topographical Influence on Precipitation Distribution in Different Ranges of Western Himalayas. <i>Hydrology Research</i> , 1995, 26, 259-284.	1.1	99
8	Estimation of Snow and Glacier-Melt Contribution to the Chenab River, Western Himalaya. <i>Mountain Research and Development</i> , 1997, 17, 49.	0.4	93
9	Hydrological characteristics of the Gangotri Glacier, central Himalayas, India. <i>Journal of Hydrology</i> , 2006, 327, 55-67.	2.3	90
10	Suspended sediment from the Gangotri Glacier: Quantification, variability and associations with discharge and air temperature. <i>Journal of Hydrology</i> , 2006, 321, 116-130.	2.3	86
11	Snow and glacier melt contribution in the Beas River at Pandoh Dam, Himachal Pradesh, India. <i>Hydrological Sciences Journal</i> , 2007, 52, 376-388.	1.2	82
12	Diurnal variations in discharge and suspended sediment concentration, including runoff-delaying characteristics, of the Gangotri Glacier in the Garhwal Himalayas. <i>Hydrological Processes</i> , 2005, 19, 1445-1457.	1.1	78
13	Modelling of streamflow and its components for a large Himalayan basin with predominant snowmelt yields. <i>Hydrological Sciences Journal</i> , 2003, 48, 257-276.	1.2	77
14	Effect of climate change on runoff of a glacierized Himalayan basin. <i>Hydrological Processes</i> , 2006, 20, 1979-1992.	1.1	77
15	Basin-wide assessment of temperature trends in northwest and central India / Estimation par bassin versant de tendances de température au nord-ouest et au centre de l'Inde. <i>Hydrological Sciences Journal</i> , 2008, 53, 421-433.	1.2	74
16	Modelling and estimation of different components of streamflow for Gangotri Glacier basin, Himalayas / Modélisation et estimation des différentes composantes de l'écoulement fluvial du bassin du Glacier Gangotri, Himalaya. <i>Hydrological Sciences Journal</i> , 2008, 53, 309-322.	1.2	71
17	Assessment of sedimentation in Bhakra Reservoir in the western Himalayan region using remotely sensed data. <i>Hydrological Sciences Journal</i> , 2002, 47, 203-212.	1.2	68
18	Particle size characteristics of suspended sediment transported in meltwater from the Gangotri Glacier, central Himalaya – An indicator of subglacial sediment evacuation. <i>Geomorphology</i> , 2010, 122, 140-152.	1.1	52

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19	Determination of snowmelt factor in the Himalayan region. Hydrological Sciences Journal, 1996, 41, 301-310.	1.2	44
20	Suspended Sediment Transport from the Dokriani Glacier in the Garhwal Himalayas. Hydrology Research, 2003, 34, 221-244.	1.1	42
21	Estimation of Sediment Yield for a Rain, Snow and Glacier Fed River in the Western Himalayan Region. Water Resources Management, 2003, 17, 377-393.	1.9	39
22	Hydrological characteristics of the Dokriani Glacier in the Garhwal Himalayas. Hydrological Sciences Journal, 1995, 40, 243-257.	1.2	38
23	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
24	Meltwater storage and delaying characteristics of Gangotri Glacier (Indian Himalayas) during ablation season. Hydrological Processes, 2011, 25, 159-166.	1.1	38
25	Meteorological study for Gangotri Glacier and its comparison with other high altitude meteorological stations in central Himalayan region. Hydrology Research, 2007, 38, 59-77.	1.1	31
26	Effect of warmer climate on the depletion of snow-covered area in the Satluj basin in the western Himalayan region. Hydrological Sciences Journal, 2003, 48, 413-425.	1.2	29
27	Hydrological importance of an unusual hazard in a mountainous basin: flood and landslide. Hydrological Processes, 2006, 20, 3147-3154.	1.1	27
28	Correlations between discharge and meteorological parameters and runoff forecasting from a highly glacierized Himalayan basin. Hydrological Sciences Journal, 2000, 45, 637-652.	1.2	24
29	Climate Variability Influences on Hydrological Responses of a Large Himalayan Basin. Water Resources Management, 2008, 22, 1461-1475.	1.9	24
30	Seasonal changes in meltwater storage and drainage characteristics of the Dokriani Glacier, Garhwal Himalayas (India). Hydrology Research, 2004, 35, 15-29.	1.1	23
31	Spatial and temporal variability of sediment and dissolved loads from two alpine watersheds of the Lesser Himalayas. Catena, 2008, 76, 27-35.	2.2	21
32	Use of the recession characteristics of snowmelt hydrographs in the assessment of snow water storage in a basin. Hydrological Processes, 2000, 14, 91-101.	1.1	17
33	Relating Air Temperatures to the Depletion of Snow Covered Area in a Himalayan Basin. Hydrology Research, 2003, 34, 267-280.	1.1	15
34	Assessment of Snow-Covered Areas Using Air Temperatures During Melt in a Mountainous Basin. , 2006, , 45-55.		1