

# Bhanu Pratap

## List of Publications by Year in descending order

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20  
papers

758  
citations

759233

12  
h-index

752698

20  
g-index

23  
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23  
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23  
times ranked

737  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Heterogeneity in glacier response in the upper Shyok valley, northeast Karakoram. <i>Cryosphere</i> , 2013, 7, 1385-1398.   | 3.9 | 153       |
| 2  | Surge-type and surge-modified glaciers in the Karakoram. <i>Scientific Reports</i> , 2017, 7, 15391.  | 3.3 | 125       |
| 3  | Influence of debris cover and altitude on glacier surface melting: a case study on Dokriani Glacier, central Himalaya, India. <i>Annals of Glaciology</i> , 2015, 56, 9-16.               | 1.4 | 117       |
| 4  | Four decades of glacier mass balance observations in the Indian Himalaya. <i>Regional Environmental Change</i> , 2016, 16, 643-658.   | 2.9 | 76        |
| 5  | Devastation in the Kedarnath (Mandakini) Valley, Garhwal Himalaya, during 16–17 June 2013: a remote sensing and ground-based assessment. <i>Natural Hazards</i> , 2016, 80, 1801-1822.    | 3.4 | 57        |
| 6  | Reconciling High Glacier Surface Melting in Summer with Air Temperature in the Semi-Arid Zone of Western Himalaya. <i>Water (Switzerland)</i> , 2019, 11, 1561.                           | 2.7 | 35        |
| 7  | Late Quaternary glacial advances in the Tons River Valley, Garhwal Himalaya, India and regional synchronicity. <i>Holocene</i> , 2014, 24, 1336-1350.                                     | 1.7 | 31        |
| 8  | Moisture Sources for Precipitation and Hydrograph Components of the Sutri Dhaka Glacier Basin, Western Himalayas. <i>Water (Switzerland)</i> , 2019, 11, 2242.                            | 2.7 | 29        |
| 9  | Spatio-temporal variability of near-surface air temperature in the Dokriani glacier catchment (DGC), central Himalaya. <i>Theoretical and Applied Climatology</i> , 2019, 136, 1513-1532. | 2.8 | 19        |
| 10 | Glacier changes in Upper Tons River basin, Garhwal Himalaya, Uttarakhand, India. <i>Zeitschrift für Geomorphologie</i> , 2013, 57, 225-244.   | 0.8 | 17        |
| 11 | Mass balance and morphological changes of Dokriani Glacier (1992–2013), Garhwal Himalaya, India. <i>Quaternary Science Advances</i> , 2021, 4, 100033.                                    | 1.9 | 17        |
| 12 | Spatial and temporal variations in basal melting at Nivlisen ice shelf, East Antarctica, derived from phase-sensitive radars. <i>Cryosphere</i> , 2019, 13, 2579-2595.                    | 3.9 | 16        |
| 13 | Water discharge and suspended sediment dynamics in the Chandra River, Western Himalaya. <i>Journal of Earth System Science</i> , 2020, 129, 1.  | 1.3 | 14        |
| 14 | Spatial surface velocity pattern in the glaciers of Chandra Basin, Western Himalaya. <i>Geocarto International</i> , 2022, 37, 5327-5344.   | 3.5 | 11        |
| 15 | Three-decade spatial patterns in surface mass balance of the Nivlisen Ice Shelf, central Dronning Maud Land, East Antarctica. <i>Journal of Glaciology</i> , 2022, 68, 174-186.           | 2.2 | 10        |
| 16 | Late-Holocene climate response and glacial fluctuations revealed by the sediment record of the monsoon-dominated Chorabari Lake, Central Himalaya. <i>Holocene</i> , 2020, 30, 953-965.   | 1.7 | 8         |
| 17 | Hydrograph apportionment of the Chandra River draining from a semi-arid region of the Upper Indus Basin, western Himalaya. <i>Science of the Total Environment</i> , 2021, 780, 146500.   | 8.0 | 7         |
| 18 | Variable Response of Glaciers to Climate Change in Uttarakhand Himalaya, India. <i>Society of Earth Scientists Series</i> , 2015, , 141-150.  | 0.3 | 4         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Influence of Supraglacial Debris Thickness on Thermal Resistance of the Glaciers of Chandra Basin, Western Himalaya. <i>Frontiers in Earth Science</i> , 2021, 9, . | 1.8 | 3         |
| 20 | Misinterpreting proxy data for paleoclimate signals: A reply to Srivastava and Jovane, 2020. <i>Holocene</i> , 2020, 30, 1874-1883.                                 | 1.7 | 1         |