

Adina E Racoviteanu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,307
citations

471061

17
h-index

610482

24
g-index

35
all docs

35
docs citations

35
times ranked

2880
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptation to climate change induced water stress in major glacierized mountain regions. <i>Climate and Development</i> , 2022, 14, 665-677.	2.2	6
2	Debris-covered glacier systems and associated glacial lake outburst flood hazards: challenges and prospects. <i>Journal of the Geological Society</i> , 2022, 179, .	0.9	18
3	Landforms and sediments developed during the recent recession of debris-covered Ponkar Glacier, Nepal. <i>Episodes</i> , 2022, , .	0.8	0
4	Recent Evolution of Glaciers in the Manaslu Region of Nepal From Satellite Imagery and UAV Data (1970â€“2019). <i>Frontiers in Earth Science</i> , 2022, 9, .	0.8	8
5	200Âˆyears of equilibrium-line altitude variability across the European Alps (1901âˆ“2100). <i>Climate Dynamics</i> , 2021, 56, 1183-1201.	1.7	28
6	Surface composition of debris-covered glaciers across the Himalaya using linear spectral unmixing of Landsat 8 OLI imagery. <i>Cryosphere</i> , 2021, 15, 4557-4588.	1.5	9
7	An Automated Approach for Estimating Snowline Altitudes in the Karakoram and Eastern Himalaya From Remote Sensing. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	35
8	Runoff from glacier ice and seasonal snow in High Asia: separating melt water sources in river flow. <i>Regional Environmental Change</i> , 2019, 19, 1249-1261.	1.4	124
9	High Asia: The International Dynamics of Climate Change and Water Security. <i>Journal of Asian Studies</i> , 2017, 76, 457-480.	0.0	14
10	Use of a hydrologic mixing model to examine the roles of meltwater, precipitation and groundwater in the Langtang River basin, Nepal. <i>Annals of Glaciology</i> , 2016, 57, 155-168.	2.8	45
11	Spatial patterns in glacier characteristics and area changes from 1962 to 2006 in the Kanchenjungaâ€“Sikkim area, eastern Himalaya. <i>Cryosphere</i> , 2015, 9, 505-523.	1.5	109
12	The Randolph Glacier Inventory: a globally complete inventory of glaciers. <i>Journal of Glaciology</i> , 2014, 60, 537-552.	1.1	895
13	An integrated modeling system for estimating glacier and snow melt driven streamflow from remote sensing and earth system data products in the Himalayas. <i>Journal of Hydrology</i> , 2014, 519, 1859-1869.	2.3	63
14	Himalayan Glaciers (India, Bhutan, Nepal): Satellite Observations of Thinning and Retreat. , 2014, , 549-582.		7
15	Remote sensing of rapidly diminishing tropical glaciers in the northern Andes. , 2014, , 609-638.		11
16	Digital Terrain Modeling and Glacier Topographic Characterization. , 2014, , 113-144.		7
17	Evaluation of an ice ablation model to estimate the contribution of melting glacier ice to annual discharge in the Nepal Himalaya. <i>Water Resources Research</i> , 2013, 49, 5117-5133.	1.7	100
18	On the accuracy of glacier outlines derived from remote-sensing data. <i>Annals of Glaciology</i> , 2013, 54, 171-182.	2.8	425

#	ARTICLE	IF	CITATIONS
19	Decision Tree and Texture Analysis for Mapping Debris-Covered Glaciers in the Kangchenjunga Area, Eastern Himalaya. <i>Remote Sensing</i> , 2012, 4, 3078-3109.	1.8	97
20	Automated mapping of Earth's annual minimum exposed snow and ice with MODIS. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	23
21	Microbial biomass and activity in high elevation (>5100 meters) soils from the Annapurna and Sagarmatha regions of the Nepalese Himalayas. <i>Himalayan Journal of Sciences</i> , 2011, 6, 11-18.	0.3	10
22	HIMALAYA: Climate Impacts on Glaciers, Snow, and Hydrology in the Himalayan Region. <i>Mountain Research and Development</i> , 2010, 30, 401-404.	0.4	4
23	Challenges and recommendations in mapping of glacier parameters from space: results of the 2008 Global Land Ice Measurements from Space (GLIMS) workshop, Boulder, Colorado, USA. <i>Annals of Glaciology</i> , 2009, 50, 53-69.	2.8	271
24	Decadal changes in glacier parameters in the Cordillera Blanca, Peru, derived from remote sensing. <i>Journal of Glaciology</i> , 2008, 54, 499-510.	1.1	241
25	Optical Remote Sensing of Glacier Characteristics: A Review with Focus on the Himalaya. <i>Sensors</i> , 2008, 8, 3355-3383.	2.1	209
26	The GLIMS geospatial glacier database: A new tool for studying glacier change. <i>Global and Planetary Change</i> , 2007, 56, 101-110.	1.6	346
27	Evaluating digital elevation models for glaciologic applications: An example from Nevado Coropuna, Peruvian Andes. <i>Global and Planetary Change</i> , 2007, 59, 110-125.	1.6	106
28	Landsat MSS-derived land-cover map of northern Alaska: Extrapolation methods and a comparison with photo-interpreted and AVHRR-derived maps. <i>International Journal of Remote Sensing</i> , 1999, 20, 2921-2946.	1.3	87