

Nicole Schaffer

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

349
citations

1162367

8
h-index

1199166

12
g-index

17
all docs

17
docs citations

17
times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated detection of rock glaciers using deep learning and object-based image analysis. <i>Remote Sensing of Environment</i> , 2020, 250, 112033.	4.6	71
2	Six Decades of Glacial Mass Loss in the Canadian Arctic Archipelago. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 1430-1449.	1.0	65
3	Summer melt rates on Penny Ice Cap, Baffin Island: Past and recent trends and implications for regional climate. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	50
4	Rock glaciers as a water resource in a changing climate in the semiarid Chilean Andes. <i>Regional Environmental Change</i> , 2019, 19, 1263-1279.	1.4	49
5	Impact of forcing on sublimation simulations for a high mountain catchment in the semiarid Andes. <i>Cryosphere</i> , 2020, 14, 147-163.	1.5	25
6	Characterizing the Water Storage Capacity and Hydrological Role of Mountain Peatlands in the Arid Andes of North-Central Chile. <i>Water (Switzerland)</i> , 2020, 12, 1071.	1.2	24
7	Glacier velocities and dynamic discharge from the ice masses of Baffin Island and Bylot Island, Nunavut, Canada. <i>Canadian Journal of Earth Sciences</i> , 2015, 52, 980-989.	0.6	23
8	Ice velocity changes on Penny Ice Cap, Baffin Island, since the 1950s. <i>Journal of Glaciology</i> , 2017, 63, 716-730.	1.1	13
9	Combination of Aerial, Satellite, and UAV Photogrammetry for Quantifying Rock Glacier Kinematics in the Dry Andes of Chile (30°S) Since the 1950s. <i>Frontiers in Remote Sensing</i> , 2021, 2, .	1.3	10
10	Contrasting geophysical signatures of a relict and an intact Andean rock glacier. <i>Cryosphere</i> , 2022, 16, 1579-1596.	1.5	10
11	Brief communication: A framework to classify glaciers for water resource evaluation and management in the Southern Andes. <i>Cryosphere</i> , 2022, 16, 1779-1791.	1.5	4
12	Revised Estimates of Recent Mass Loss Rates for Penny Ice Cap, Baffin Island, Based on 2005–2014 Elevation Changes Modified for Firn Densification. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005440.	1.0	1
13	Reply to the discussion by Ommanney on “Glacier velocities and dynamic discharge from the ice masses of Baffin Island and Bylot Island, Nunavut, Canada”. <i>Canadian Journal of Earth Sciences</i> , 2017, 54, 112-112.	0.6	0