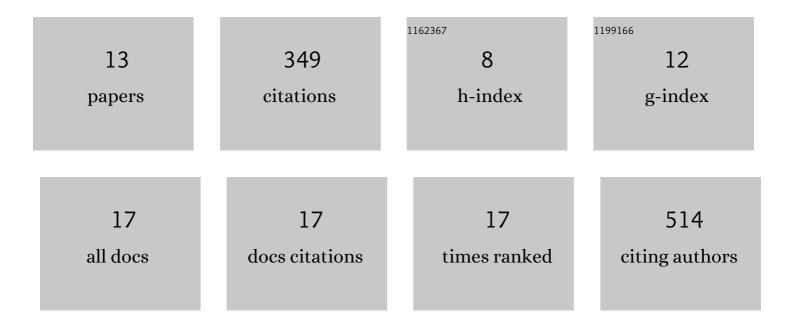
## Nicole Schaffer

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8012282/publications.pdf Version: 2024-02-01



NICOLE SCHAFFER

#	Article	IF	CITATIONS
1	Automated detection of rock glaciers using deep learning and object-based image analysis. Remote Sensing of Environment, 2020, 250, 112033.	4.6	71
2	Six Decades of Glacial Mass Loss in the Canadian Arctic Archipelago. Journal of Geophysical Research F: Earth Surface, 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. Journal of Geophysical Research, 2012, 117, .	3.3	50
4	Rock glaciers as a water resource in a changing climate in the semiarid Chilean Andes. Regional Environmental Change, 2019, 19, 1263-1279.	1.4	49
5	Impact of forcing on sublimation simulations for a high mountain catchment in the semiarid Andes. Cryosphere, 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. Water (Switzerland), 2020, 12, 1071.	1.2	24
7	Glacier velocities and dynamic discharge from the ice masses of Baffin Island and Bylot Island, Nunavut, Canada. Canadian Journal of Earth Sciences, 2015, 52, 980-989.	0.6	23
8	Ice velocity changes on Penny Ice Cap, Baffin Island, since the 1950s. Journal of Glaciology, 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. Frontiers in Remote Sensing, 2021, 2, .	1.3	10
10	Contrasting geophysical signatures of a relict and an intact Andean rock glacier. Cryosphere, 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. Cryosphere, 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. Journal of Geophysical Research F: Earth Surface, 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― Canadian Journal of Earth Sciences, 2017, 54, 112-112.	0.6	0