

Michael Avian

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

246
citations

1163117

8
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive time-series analysis of bridge deformation using differential satellite radar interferometry based on Sentinel-1. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 172, 132-146.	11.1	34
2	Buoyant calving and ice-contact lake evolution at Pasterze Glacier (Austria) in the period 1998–2019. Cryosphere, 2021, 15, 1237-1258.	3.9	6
3	Assessment of liquid and solid water storage in rock glaciers versus glacier ice in the Austrian Alps. Science of the Total Environment, 2021, 800, 149593.	8.0	23
4	The Status of Earth Observation Techniques in Monitoring High Mountain Environments at the Example of Pasterze Glacier, Austria: Data, Methods, Accuracies, Processes, and Scales. Remote Sensing, 2020, 12, 1251.	4.0	11
5	On the nexus between landslide susceptibility and transport infrastructure – an agent-based approach. Natural Hazards and Earth System Sciences, 2019, 19, 201-219.	3.6	34
6	Identification of stable areas in unreferenced laser scans for automated geomorphometric monitoring. Earth Surface Dynamics, 2018, 6, 303-317.	2.4	16
7	Glaciological Studies at Pasterze Glacier (Austria) Based on Aerial Photographs. Springer Remote Sensing/photogrammetry, 2015, , 173-198.	0.4	10
8	Ice-avalanche impact landforms: the event in 2003 at the glacier nördliches bockkarkees, hohe tauern range, austria. Geografiska Annaler, Series A: Physical Geography, 2012, 94, 97-115.	1.5	4
9	Climate change and rock fall events in high mountain areas: numerous and extensive rock falls in 2007 at mittlerer burgstall, central austria. Geografiska Annaler, Series A: Physical Geography, 2012, 94, 59-78.	1.5	35
10	Vision-Based Terrestrial Surface Monitoring. , 2012, , 283-348.		6
11	The response of partially debris-covered valley glaciers to climate change: the example of the pasterze glacier (austria) in the period 1964 to 2006. Geografiska Annaler, Series A: Physical Geography, 2008, 90, 269-285.	1.5	46
12	Recent and Holocene dynamics of a rock glacier system: The example of Langtalkar (Central Alps), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	20