

# Aleksandra M Tomczyk

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

652  
citations

516710

16  
h-index

580821

25  
g-index

34  
all docs

34  
docs citations

34  
times ranked

708  
citing authors

#	ARTICLE	IF	CITATIONS
1	Planning of recreational trails in protected areas: Application of regression tree analysis and geographic information systems. <i>Applied Geography</i> , 2013, 40, 129-139.	3.7	61
2	A GIS assessment and modelling of environmental sensitivity of recreational trails: The case of Gorce National Park, Poland. <i>Applied Geography</i> , 2011, 31, 339-351.	3.7	57
3	Operational Framework for Rapid, Very-high Resolution Mapping of Glacial Geomorphology Using Low-cost Unmanned Aerial Vehicles and Structure-from-Motion Approach. <i>Remote Sensing</i> , 2019, 11, 65.	4.0	48
4	Quantification of the ice-cored moraines' short-term dynamics in the high-Arctic glaciers Ebbabreen and Ragnarbreen, Petuniabukta, Svalbard. <i>Geomorphology</i> , 2015, 234, 211-227.	2.6	42
5	Quantifying short-term surface changes on recreational trails: The use of topographic surveys and "digital elevation models of differences" (DODs). <i>Geomorphology</i> , 2013, 183, 58-72.	2.6	35
6	Effects of extreme natural events on the provision of ecosystem services in a mountain environment: The importance of trail design in delivering system resilience and ecosystem service co-benefits. <i>Journal of Environmental Management</i> , 2016, 166, 156-167.	7.8	34
7	Glacial geomorphology of the terrestrial margins of the tidewater glacier, Nordenskiöldbreen, Svalbard. <i>Journal of Maps</i> , 2016, 12, 476-487.	2.0	33
8	Identifying future research directions for biodiversity, ecosystem services and sustainability: perspectives from early-career researchers. <i>International Journal of Sustainable Development and World Ecology</i> , 2018, 25, 249-261.	5.9	32
9	The glacial landsystem of Fjallsjökull, Iceland: Spatial and temporal evolution of process-form regimes at an active temperate glacier. <i>Geomorphology</i> , 2020, 361, 107192.	2.6	30
10	Sub-annual moraine formation at an active temperate Icelandic glacier. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 1622-1643.	2.5	27
11	Degradation of recreational trails, Gorce National Park, Poland. <i>Journal of Maps</i> , 2011, 7, 507-518.	2.0	25
12	Quantification of historical landscape change on the foreland of a receding polythermal glacier, Hårbyebreen, Svalbard. <i>Geomorphology</i> , 2019, 325, 40-54.	2.6	25
13	A new framework for prioritising decisions on recreational trail management. <i>Landscape and Urban Planning</i> , 2017, 167, 1-13.	7.5	24
14	Equifinality and preservation potential of complex eskers. <i>Boreas</i> , 2020, 49, 211-231.	2.4	23
15	Geomorphological impacts of a glacier lake outburst flood in the high arctic Zackenberg River, NE Greenland. <i>Journal of Hydrology</i> , 2020, 591, 125300.	5.4	22
16	Controlled, ice-cored moraines: sediments and geomorphology. An example from Ragnarbreen, Svalbard. <i>Zeitschrift für Geomorphologie</i> , 2012, 56, 53-74.	0.8	21
17	Reactivation of temporarily stabilized ice-cored moraines in front of polythermal glaciers: Gravitational mass movements as the most important geomorphological agents for the redistribution of sediments (a case study from Ebbabreen and Ragnarbreen, Svalbard). <i>Geomorphology</i> , 2020, 350, 106952.	2.6	17
18	Recreational trails in the Poprad Landscape Park, Poland: the spatial pattern of trail impacts and use-related, environmental, and managerial factors. <i>Journal of Maps</i> , 2016, 12, 1227-1235.	2.0	14

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19	Detailed alluvial fan geomorphology in a high-arctic periglacial environment, Svalbard: application of unmanned aerial vehicle (UAV) surveys. <i>Journal of Maps</i> , 2019, 15, 460-473.	2.0	14
20	UAV-based remote sensing of immediate changes in geomorphology following a glacial lake outburst flood at the Zackenberg river, northeast Greenland. <i>Journal of Maps</i> , 2020, 16, 86-100.	2.0	14
21	Low-altitude remote sensing and GIS-based analysis of cropmarks: classification of past thermal-contraction-crack polygons in central western Poland. <i>Geomorphology</i> , 2017, 293, 418-432.	2.6	13
22	The historical emergence of a geometric and sinuous ridge network at the HÅrbyebreen polythermal glacier snout, Svalbard and its use in the interpretation of ancient glacial landforms. <i>Geomorphology</i> , 2022, 406, 108213.	2.6	12
23	Surface morphological types and spatial distribution of fan-shaped landforms in the periglacial high-Arctic environment of central Spitsbergen, Svalbard. <i>Journal of Maps</i> , 2017, 13, 239-251.	2.0	10
24	Morphometry and morphology of fan-shaped landforms in the high-Arctic settings of central Spitsbergen, Svalbard. <i>Geomorphology</i> , 2021, 392, 107899.	2.6	5
25	Changes of Arctic landscape due to human impact, north part of Billefjorden area, Svalbard. <i>Quaestiones Geographicae</i> , 2010, 29, 75-83.	0.6	5
26	Baseline data for monitoring geomorphological effects of glacier lake outburst flood: a very-high-resolution image and GIS datasets of the distal part of the Zackenberg River, northeast Greenland. <i>Earth System Science Data</i> , 2021, 13, 5293-5309.	9.9	5
27	Depositional processes within the frontal ice-cored moraine system, Ragnar glacier, Svalbard. <i>Quaestiones Geographicae</i> , 2010, 29, 27-36.	0.6	4