

Mateusz Cześniak Strzelecki

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

719
citations

567281

15
h-index

552781

26
g-index

42
all docs

42
docs citations

42
times ranked

684
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and characterization of Arctic microorganisms decomposing bioplastics. <i>AMB Express</i> , 2017, 7, 148.	3.0	94
2	Coastal changes in the Arctic. <i>Geological Society Special Publication</i> , 2014, 388, 103-129.	1.3	79
3	Escarpment retreat in sedimentary tablelands and cuesta landscapes – Landforms, mechanisms and patterns. <i>Earth-Science Reviews</i> , 2019, 196, 102890.	9.1	46
4	HÅrbyebreen polythermal glacial landsystem, Svalbard. <i>Journal of Maps</i> , 2012, 8, 146-156.	2.0	41
5	The role of rapid glacier retreat and landscape transformation in controlling the post-Little Ice Age evolution of paraglacial coasts in central Spitsbergen (Billefjorden, Svalbard). <i>Land Degradation and Development</i> , 2018, 29, 1962-1978.	3.9	41
6	Dating High Arctic Holocene relative sea level changes using juvenile articulated marine shells in raised beaches. <i>Quaternary Science Reviews</i> , 2012, 48, 61-66.	3.0	35
7	On the potential for a bottom active layer below coastal permafrost: the impact of seawater on permafrost degradation imaged by electrical resistivity tomography (Hornsund, SW Spitsbergen). <i>Geomorphology</i> , 2017, 293, 347-359.	2.6	35
8	High Arctic coasts at risk – the case study of coastal zone development and degradation associated with climate changes and multidirectional human impacts in Longyearbyen (Adventfjorden, Svalbard). <i>Land Degradation and Development</i> , 2018, 29, 2514-2524.	3.9	32
9	New fjords, new coasts, new landscapes: The geomorphology of paraglacial coasts formed after recent glacier retreat in Brepollen (Hornsund, southern Svalbard). <i>Earth Surface Processes and Landforms</i> , 2020, 45, 1325-1334.	2.5	27
10	Post-surge geometry and thermal structure of HÅrbyebreen, central Spitsbergen. <i>Polish Polar Research</i> , 2013, 34, 305-321.	0.9	25
11	Multidecadal (1960–2011) shoreline changes in Isbjørnhamna (Hornsund, Svalbard). <i>Polish Polar Research</i> , 2015, 36, 369-390.	0.9	25
12	Schmidt hammer tests across a recently deglaciated rocky coastal zone in Spitsbergen - is there a "coastal amplification" of rock weathering in polar climates?. <i>Polish Polar Research</i> , 2011, 32, 239-252.	0.9	23
13	Post-Little Ice Age Development of a High Arctic Paraglacial Beach Complex. <i>Permafrost and Periglacial Processes</i> , 2017, 28, 4-17.	3.4	21
14	Cryo-conditioned rocky coast systems: A case study from Wilczekodden, Svalbard. <i>Science of the Total Environment</i> , 2017, 607-608, 443-453.	8.0	19
15	The potential of cold-adapted microorganisms for biodegradation of bioplastics. <i>Waste Management</i> , 2021, 119, 72-81.	7.4	18
16	Arctic rock coast responses under a changing climate. <i>Remote Sensing of Environment</i> , 2020, 236, 111500.	11.0	17
17	New insights into the 21 November 2000 tsunami in West Greenland from analyses of the tree-ring structure of <i>Salix glauca</i> . <i>Polish Polar Research</i> , 2015, 36, 51-65.	0.9	15
18	Reconstruction of Holocene patterns of change in a High Arctic coastal landscape, Southern Sassenfjorden, Svalbard. <i>Geomorphology</i> , 2015, 234, 98-107.	2.6	15

#	ARTICLE	IF	CITATIONS
19	Drift-dependent changes in iceberg size-frequency distributions. Scientific Reports, 2017, 7, 15991.	3.3	15
20	The Influence of Recent Deglaciation and Associated Sediment Flux on the Functioning of Polar Coastal Zone – Northern Petuniabukta, Svalbard. Coastal Research Library, 2015, , 23-45.	0.4	13
21	Arctic tsunamis threaten coastal landscapes and communities – survey of Karrat Isfjord 2017 tsunami effects in Nuugaatsiaq, western Greenland. Natural Hazards and Earth System Sciences, 2020, 20, 2521-2534.	3.6	10
22	Fifty Years of Tidewater Glacier Surface Elevation and Retreat Dynamics along the South-East Coast of Spitsbergen (Svalbard Archipelago). Remote Sensing, 2022, 14, 354.	4.0	10
23	Estimating Suspended Sediment Fluxes from the Largest Glacial Lake in Svalbard to Fjord System Using Sentinel-2 Data: Trebrevatnet Case Study. Water (Switzerland), 2022, 14, 1840.	2.7	10
24	The variability and controls of rock strength along rocky coasts of central Spitsbergen, High Arctic. Geomorphology, 2017, 293, 321-330.	2.6	9
25	Decoding Complex Erosion Responses for the Mitigation of Coastal Rockfall Hazards Using Repeat Terrestrial LiDAR. Remote Sensing, 2020, 12, 2620.	4.0	9
26	Rock control on the shape of coastal embayments of north-western Hornsund, Svalbard. Zeitschrift für Geomorphologie, 2017, 61, 11-28.	0.8	6
27	Cold shores in warming times - current state and future challenges in High Arctic coastal geomorphological studies. Quaestiones Geographicae, 2011, 30, 101-113.	0.6	4
28	The origin of sandstone boulder aprons along the escarpments of the Stolløwe Mountains: are they all rockfall-derived? A new insight into an old problem using the CONEFALL 1.0 software. Bulletin of Geography, Physical Geography Series, 2015, 8, 19-32.	0.6	4
29	Paraglacial coasts: challenges for coastal conservation in the Anthropocene. Journal of Coastal Conservation, 2020, 24, 1.	1.6	4
30	Suspended and solute transport in a small glaciated catchment Bertram River, Central Spitsbergen, in 2005–2006. Norsk Geografisk Tidsskrift, 2009, 63, 98-106.	0.7	3
31	Tales from an Arctic Beach, Little Shells and Return to the Past - Petuniabukta 2010 Fieldwork, Billefjorden, Svalbard. Journal of Coastal Research, 2020, 101, 339.	0.3	2
32	Rauk - A Forgotten Witness of Holocene Sea-level Change and Development of Baltic Rocky Coasts: A Pilot Geomorphological Study in Lergrav Raukar Field. Journal of Coastal Research, 2020, 95, 659.	0.3	2
33	Limestone Sea Stacks (Rauks) Record Past Sea Levels and Rocky Coast Evolution in the Baltic Sea (Gotland and Årö Islands, Sweden). Frontiers in Earth Science, 0, 10, .	1.8	2
34	Periglacial geomorphology, by Colin K. Ballantyne, 2018. Wiley-Blackwell, Chichester. 454 pages. Paperback: price \$78.00, ISBN 9781405100069.. Geologos, 2020, 26, 91-92.	0.6	0