

Margareta Johansson

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,682
citations

516561

16
h-index

526166

27
g-index

28
all docs

28
docs citations

28
times ranked

2871
citing authors

#	ARTICLE	IF	CITATIONS
1	Thawing permafrost and thicker active layers in sub- <i>Arctic</i> Sweden. <i>Permafrost and Periglacial Processes</i> , 2008, 19, 279-292.	1.5	267
2	The Changing Face of Arctic Snow Cover: A Synthesis of Observed and Projected Changes. <i>Ambio</i> , 2011, 40, 17-31.	2.8	264
3	Multiple Effects of Changes in Arctic Snow Cover. <i>Ambio</i> , 2011, 40, 32-45.	2.8	169
4	Transitions in Arctic ecosystems: Ecological implications of a changing hydrological regime. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 650-674.	1.3	167
5	Changing Arctic snow cover: A review of recent developments and assessment of future needs for observations, modelling, and impacts. <i>Ambio</i> , 2016, 45, 516-537.	2.8	154
6	Rapid responses of permafrost and vegetation to experimentally increased snow cover in sub- <i>arctic</i> Sweden. <i>Environmental Research Letters</i> , 2013, 8, 035025.	2.2	110
7	Ecological Implications of Changes in the Arctic Cryosphere. <i>Ambio</i> , 2011, 40, 87-99.	2.8	78
8	Long-term in situ permafrost thaw effects on bacterial communities and potential aerobic respiration. <i>ISME Journal</i> , 2018, 12, 2129-2141.	4.4	73
9	Dwelling in the deep – strongly increased root growth and rooting depth enhance plant interactions with thawing permafrost soil. <i>New Phytologist</i> , 2019, 223, 1328-1339.	3.5	68
10	A long-term Arctic snow depth record from Abisko, northern Sweden, 1913–2004. <i>Polar Research</i> , 2006, 25, 91-113.	1.6	56
11	Emissions from thaw ponds largely offset the carbon sink of northern permafrost wetlands. <i>Scientific Reports</i> , 2018, 8, 9535.	1.6	47
12	Feedbacks and Interactions: From the Arctic Cryosphere to the Climate System. <i>Ambio</i> , 2011, 40, 75-86.	2.8	38
13	Active layer thickening and controls on interannual variability in the Nordic Arctic compared to the circum- <i>Arctic</i> . <i>Permafrost and Periglacial Processes</i> , 2021, 32, 47-58.	1.5	37
14	Improving dialogue among researchers, local and indigenous peoples and decision-makers to address issues of climate change in the North. <i>Ambio</i> , 2020, 49, 1161-1178.	2.8	29
15	The Transition From Stochastic to Deterministic Bacterial Community Assembly During Permafrost Thaw Succession. <i>Frontiers in Microbiology</i> , 2020, 11, 596589.	1.5	29
16	Increased photosynthesis compensates for shorter growing season in sub- <i>arctic</i> tundra – 8 years of snow accumulation manipulations. <i>Climatic Change</i> , 2014, 127, 321-334.	1.7	20
17	Tundra permafrost thaw causes significant shifts in energy partitioning. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 68, 30467.	0.8	15
18	Decade of experimental permafrost thaw reduces turnover of young carbon and increases losses of old carbon, without affecting the net carbon balance. <i>Global Change Biology</i> , 2020, 26, 5886-5898.	4.2	10

#	ARTICLE	IF	CITATIONS
19	The Man, the Myth, the Legend: Professor Terry V. Callaghan and His 3M Concept. <i>Ambio</i> , 2012, 41, 175-177.	2.8	9
20	Modeling Climate Conditions Required for Glacier Formation in Cirques of the Rassepautasjtjåkka Massif, Northern Sweden. <i>Arctic, Antarctic, and Alpine Research</i> , 2002, 34, 3-11.	0.4	8
21	Sustaining Arctic Observing Networks™ (SAON) Roadmap for Arctic Observing and Data Systems (ROADS). <i>Arctic</i> , 2021, 74, 56-68.	0.2	8
22	The missing pieces for better future predictions in subarctic ecosystems: A TornetrÅsk case study. <i>Ambio</i> , 2021, 50, 375-392.	2.8	6
23	Increasing impacts of extreme winter warming events on permafrost. <i>Weather and Climate Extremes</i> , 2022, 36, 100450.	1.6	6
24	Modeling Climate Conditions Required for Glacier Formation in Cirques of the Rassepautasjtjåkka Massif, Northern Sweden. <i>Arctic, Antarctic, and Alpine Research</i> , 2002, 34, 3.	0.4	4
25	Reconstructing cold climate paleoenvironments from micromorphological analysis of relict slope deposits (Serra da Estrela, Central Portugal). <i>Permafrost and Periglacial Processes</i> , 2020, 31, 567-586.	1.5	3
26	The rise of the Arctic: Intergenerational personal perspectives. <i>Ambio</i> , 2021, 50, 1133-1136.	2.8	2
27	Snow, ice, and the biosphere. , 2021, , 137-164.		1