Dmitry A Streletskiy

List of Publications by Year
in descending order

37 papers	2,626 citations	361413 20 h-index	395702 33 g-index
37 all docs	37 docs citations	37 times ranked	3015 citing authors

#	Article	IF	Citations
1	Permafrost is warming at a global scale. Nature Communications, 2019, 10, 264.	12.8	1,039
2	Impacts of permafrost degradation on infrastructure. Nature Reviews Earth & Environment, 2022, 3, 24-38.	29.7	150
3	Decadal variations of activeâ€layer thickness in moistureâ€controlled landscapes, Barrow, Alaska. Journal of Geophysical Research, 2010, 115, .	3.3	138
4	State of the Climate in 2013. Bulletin of the American Meteorological Society, 2014, 95, S1-S279.	3.3	138
5	Assessment of climate change impacts on buildings, structures and infrastructure in the Russian regions on permafrost. Environmental Research Letters, 2019, 14, 025003.	5.2	134
6	The new database of the Global Terrestrial Network for Permafrost (GTN-P). Earth System Science Data, 2015, 7, 245-259.	9.9	97
7	Permafrost, Infrastructure, and Climate Change: A GIS-Based Landscape Approach to Geotechnical Modeling. Arctic, Antarctic, and Alpine Research, 2012, 44, 368-380.	1.1	88
8	Isotropic thaw subsidence in undisturbed permafrost landscapes. Geophysical Research Letters, 2013, 40, 6356-6361.	4.0	75
9	Climate Change and Stability of Urban Infrastructure in Russian Permafrost Regions: Prognostic Assessment based on GCM Climate Projections. Geographical Review, 2017, 107, 125-142.	1.8	75
10	Permafrost hydrology in changing climatic conditions: seasonal variability of stable isotope composition in rivers in discontinuous permafrost. Environmental Research Letters, 2015, 10, 095003.	5.2	73
11	Permafrost degradation in the Western Russian Arctic. Environmental Research Letters, 2020, 15, 045001.	5.2	71
12	Changes in the 1963â€“2013 shallow ground thermal regime in Russian permafrost regions. Environmental Research Letters, 2015, 10, 125005.	5.2	69
13	Thaw Subsidence in Undisturbed Tundra Landscapes, Barrow, Alaska, 1962â€“2015. Permafrost and Periglacial Processes, 2017, 28, 566-572.	3.4	56
14	Assessment of the cost of climate change impacts on critical infrastructure in the circumpolar Arctic. Polar Geography, 2019, 42, 267-286.	1.9	50
15	Permafrost Degradation. , 2015, , 303-344.		44
16	Land Cover Change in the Lower Yenisei River Using Dense Stacking of Landsat Imagery in Google Earth Engine. Remote Sensing, 2018, 10, 1226.	4.0	44
17	Conquering the permafrost: urban infrastructure development in Norilsk, Russia. Polar Geography, 2017, 40, 273-290.	1.9	40
18	Spatial variability of permafrost active-layer thickness under contemporary and projected climate in Northern Alaska. Polar Geography, 2012, 35, 95-116.	1.9	33

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19	GEOTECHNICAL SAFETY ISSUES IN THE CITIES OF POLAR REGIONS. Geography, Environment, Sustainability, 2012, 5, 104-119.	1.3	31
20	Cap-and-trade and emissions clustering: A spatial-temporal analysis of the European Union Emissions Trading Scheme. Journal of Environmental Management, 2019, 249, 109352.	7.8	25
21	Traditional IÃ±upiat Ice Cellars (SIÄá¸UAQ) in Barrow, Alaska: Characteristics, Temperature Monitoring, and Distribution. Geographical Review, 2017, 107, 143-158.	1.8	21
22	Economic Assessment of Permafrost Degradation Effects on Road Infrastructure Sustainability under Climate Change in the Russian Arctic. Herald of the Russian Academy of Sciences, 2019, 89, 567-576.	0.6	19
23	Dealing with the bust in Vorkuta, Russia. Land Use Policy, 2020, 93, 103908.	5.6	18
24	Economic Assessment of Permafrost Degradation Effects on the Housing Sector in the Russian Arctic. Herald of the Russian Academy of Sciences, 2021, 91, 17-25.	0.6	15
25	Methane Content in Ground Ice and Sediments of the Kara Sea Coast. Geosciences (Switzerland), 2018, 8, 434.	2.2	14
26	Long-term Circumpolar Active Layer Monitoring (CALM) program observations in Northern Alaskan tundra. Polar Geography, 2021, 44, 167-185.	1.9	12
27	Economic Assessment of Permafrost Degradation Effects on Healthcare Facilities in the Russian Arctic. Herald of the Russian Academy of Sciences, 2021, 91, 677-686.	0.6	11
28	Standardized monitoring of permafrost thaw: a user-friendly, multiparameter protocol. Arctic Science, 2022, 8, 153-182.	2.3	9
29	Active Layer Dynamics Near Norilsk, Taimyr Peninsula, Russia. Geography, Environment, Sustainability, 2021, 14, 55-66.	1.3	7
30	Climatic- and anthropogenic-induced land cover change around Norilsk, Russia. Polar Geography, 2017, 40, 257-272.	1.9	6
31	Scientific Cooperation: Supporting Circumpolar Permafrost Monitoring and Data Sharing. Land, 2021, 10, 590.	2.9	5
32	Russian Arctic Cities through the Prism of Permafrost. , 2016, , 201-220.		5
33	Permafrost Regions In Transition: Introduction. Geography, Environment, Sustainability, 2021, 14, 6-8.	1.3	5
34	Living in the New North: Migration to and from Russian Arctic Cities. Focus on Geography, 2012, 55, 77-89.	0.2	4
35	Permafrost degradation. , 2021, , 297-322.		4
36	Report from the International Permafrost Association. Permafrost and Periglacial Processes, 2016, 27, 316-319.	3.4	1

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37	A SPATIO-TEMPORAL FRAMEWORK FOR MODELING ACTIVE LAYER THICKNESS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-4/W2, 199-206.	0.0	0