

Go Iwahana

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

666
citations

15
h-index

24
g-index

58
ext. papers

873
ext. citations

3.2
avg, IF

4.02
L-index

#	Paper	IF	Citations
46	Surface displacement induced by seasonal ground thaw, measured by synthetic aperture radar in the Daisetsu Mountains, Japan. <i>Journal of the Japanese Society of Snow and Ice</i> , 2022 , 84, 13-27	0.1	
45	Quantitative Separation of Precipitation and Permafrost Waters Used for Evapotranspiration in a Boreal Forest: A Numerical Study Using Tracer Model. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021 , 126, e2021JG006645	3.7	2
44	Climatic assessment of circum-Arctic permafrost zonation over the last 122 kyr. <i>Polar Science</i> , 2021 , 100765	3.6	0
43	Seasonal and Interannual Ground-Surface Displacement in Intact and Disturbed Tundra along the Dalton Highway on the North Slope, Alaska. <i>Land</i> , 2021 , 10, 22	3.5	2
42	Intra-ice and intra-sediment cryopeg brine occurrence in permafrost near Utqiaġik (Barrow). <i>Permafrost and Periglacial Processes</i> , 2021 , 32, 427-446	4.2	2
41	Arctic tundra shrubification: a review of mechanisms and impacts on ecosystem carbon balance. <i>Environmental Research Letters</i> , 2021 , 16, 053001	6.2	25
40	Mapping the Main Characteristics of Permafrost on the Basis of a Permafrost-Landscape Map of Yakutia Using GIS. <i>Land</i> , 2021 , 10, 462	3.5	2
39	Projections of surface air temperature required to sustain permafrost and importance of adaptation to climate change in the Daisetsu Mountains, Japan. <i>Scientific Reports</i> , 2021 , 11, 15518	4.9	5
38	Impacts of climate-induced permafrost degradation on vegetation: A review. <i>Advances in Climate Change Research</i> , 2021 , 12, 29-47	4.1	38
37	Numerical model to simulate long-term soil organic carbon and ground ice budget with permafrost and ice sheets (SOC-ICE-v1.0). <i>Geoscientific Model Development</i> , 2021 , 14, 521-542	6.3	1
36	Geochemistry of Coastal Permafrost and Erosion-Driven Organic Matter Fluxes to the Beaufort Sea Near Drew Point, Alaska. <i>Frontiers in Earth Science</i> , 2021 , 8,	3.5	1
35	Brief Communication: The reliability of gas extraction techniques for analysing CH ₄ and N ₂ O compositions in gas trapped in permafrost ice wedges. <i>Cryosphere</i> , 2020 , 14, 1311-1324	5.5	2
34	Surface displacement revealed by L-band InSAR analysis in the Mayya area, Central Yakutia, underlain by continuous permafrost. <i>Earth, Planets and Space</i> , 2020 , 72,	2.9	12
33	Future projection of greenhouse gas emissions due to permafrost degradation using a simple numerical scheme with a global land surface model. <i>Progress in Earth and Planetary Science</i> , 2020 , 7, 56	3.9	9
32	Model improvement and future projection of permafrost processes in a global land surface model. <i>Progress in Earth and Planetary Science</i> , 2020 , 7, 69	3.9	9
31	Mapping simulated circum-Arctic organic carbon, ground ice, and vulnerability of ice-rich permafrost to degradation. <i>Progress in Earth and Planetary Science</i> , 2020 , 7,	3.9	11
30	Technical advances in measuring greenhouse gas emissions from thawing permafrost soils in the laboratory. <i>Polar Science</i> , 2019 , 19, 137-145	2.3	4

29	Multi-year effect of wetting on CH ₄ flux at taiga-tundra boundary in northeastern Siberia deduced from stable isotope ratios of CH ₄ . <i>Biogeosciences</i> , 2019 , 16, 755-768	4.6	8
28	Ion concentrations in ice wedges: An innovative approach to reconstruct past climate variability. <i>Earth and Planetary Science Letters</i> , 2019 , 515, 58-66	5.3	8
27	Distinctive microbial communities in subzero hypersaline brines from Arctic coastal sea ice and rarely sampled cryopegs. <i>FEMS Microbiology Ecology</i> , 2019 , 95,	4.3	8
26	Measurements of beryllium isotopes in ice wedges in Alaska. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019 , 459, 64-70	1.2	
25	Tundra fire alters vegetation patterns more than the resultant thermokarst. <i>Polar Biology</i> , 2018 , 41, 753-761		7
24	Links between annual surface temperature variation and land cover heterogeneity for a boreal forest as characterized by continuous, fibre-optic DTS monitoring. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2018 , 7, 223-234	1.5	1
23	A decade of remotely sensed observations highlight complex processes linked to coastal permafrost bluff erosion in the Arctic. <i>Environmental Research Letters</i> , 2018 , 13, 115001	6.2	47
22	Variability of Permafrost and Landscape Conditions Following Clear Cutting of Larch Forest in Central Yakutia. <i>Permafrost and Periglacial Processes</i> , 2017 , 28, 331-338	4.2	17
21	Endurance of larch forest ecosystems in eastern Siberia under warming trends. <i>Ecology and Evolution</i> , 2016 , 6, 5690-704	2.8	35
20	InSAR Detection and Field Evidence for Thermokarst after a Tundra Wildfire, Using ALOS-PALSAR. <i>Remote Sensing</i> , 2016 , 8, 218	5	27
19	Geomorphological and geochemistry changes in permafrost after the 2002 tundra wildfire in Kougarak, Seward Peninsula, Alaska. <i>Journal of Geophysical Research F: Earth Surface</i> , 2016 , 121, 1697-1715	2.8	14
18	Snowmelt and the hydrological interaction of forest-grassland ecosystems in Central Yakutia, eastern Siberia. <i>Hydrological Processes</i> , 2015 , 29, 3074-3083	3.3	10
17	Estimating the water balance of a thermokarst lake in the middle of the Lena River basin, eastern Siberia. <i>Ecohydrology</i> , 2014 , 7, 188-196	2.5	75
16	Geocryological characteristics of the upper permafrost in a tundra-forest transition of the Indigirka River Valley, Russia. <i>Polar Science</i> , 2014 , 8, 96-113	2.3	30
15	Environmental Consciousness of Local People of Yakutia Under Global Climate Change 2013 , 251-260		
14	Internal Structure of a Lithalsa in the Akkol Valley, Russian Altai Mountains. <i>Permafrost and Periglacial Processes</i> , 2012 , 23, 107-118	4.2	20
13	Year-round Monitoring of Shallow Ground Temperatures at High Altitudes of Mt. Fuji with a Critical Discussion on the Popular Belief of Rapid Permafrost Degradation. <i>Journal of Geography (Chigaku Zasshi)</i> , 2012 , 121, 306-331	0.5	5
12	Effects of changes in the soil environment associated with heavy precipitation on soil greenhouse gas fluxes in a Siberian larch forest near Yakutsk. <i>Soil Science and Plant Nutrition</i> , 2010 , 56, 645-662	1.6	14

11	Thawing Processes of Frozen Ground on the Summit of Mt. Fuji: A Preliminary Assessment of Long-term Variations of Permafrost. <i>Journal of Geography (Chigaku Zasshi)</i> , 2010 , 119, 917-923	0.5	1
10	Effect of increased rainfall on water dynamics of larch (<i>Larix cajanderi</i>) forest in permafrost regions, Russia: an irrigation experiment. <i>Journal of Forest Research</i> , 2010 , 15, 365-373	1.4	10
9	Comparison of carbon and water vapor exchange of forest and grassland in permafrost regions, Central Yakutia, Russia. <i>Agricultural and Forest Meteorology</i> , 2008 , 148, 1968-1977	5.8	19
8	Interannual environmental-soil thawing rate variation and its control on transpiration from <i>Larix cajanderi</i> , Central Yakutia, Eastern Siberia. <i>Journal of Hydrology</i> , 2007 , 338, 251-260	6	43
7	The lower limit of mountain permafrost in the Russian Altai Mountains. <i>Permafrost and Periglacial Processes</i> , 2007 , 18, 129-136	4.2	18
6	Remote sensing of permafrost and the active layer. <i>Journal of the Japanese Society of Snow and Ice</i> , 2007 , 69, 221-228	0.1	
5	Influence of forest clear-cutting on the thermal and hydrological regime of the active layer near Yakutsk, eastern Siberia. <i>Journal of Geophysical Research</i> , 2005 , 110, n/a-n/a		37
4	Thermal conductivity of soils in the active layer of Eastern Siberia. <i>Permafrost and Periglacial Processes</i> , 2005 , 16, 217-222	4.2	4
3	Change of Carbon Dioxide Budget during Three Years after Deforestation in Eastern Siberian Larch Forest. <i>J Agricultural Meteorology</i> , 2005 , 60, 653-656	1.1	28
2	Thermokarst as a short-term permafrost disturbance, Central Yakutia. <i>Permafrost and Periglacial Processes</i> , 2004 , 15, 81-87	4.2	46
1	Surface Pollen Data from Different Vegetation Types in Northeastern Russia: The Basis for Reconstruction of Vegetation. <i>The Quaternary Research</i> , 2003 , 42, 413-425	0.1	6