

Go Iwahana

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9397015/go-iwahana-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
45	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
44	Thermokarst as a short-term permafrost disturbance, Central Yakutia. <i>Permafrost and Periglacial Processes</i> , 2004 , 15, 81-87	4.2	46
43	Interannual environmental-soil thawing rate variation and its control on transpiration from Larix cajanderi, Central Yakutia, Eastern Siberia. <i>Journal of Hydrology</i> , 2007 , 338, 251-260	6	43
42	Impacts of climate-induced permafrost degradation on vegetation: A review. <i>Advances in Climate Change Research</i> , 2021 , 12, 29-47	4.1	38
41	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
40	Endurance of larch forest ecosystems in eastern Siberia under warming trends. <i>Ecology and Evolution</i> , 2016 , 6, 5690-704	2.8	35
39	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
38	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
37	InSAR Detection and Field Evidence for Thermokarst after a Tundra Wildfire, Using ALOS-PALSAR. <i>Remote Sensing</i> , 2016 , 8, 218	5	27
36	Arctic tundra shrubification: a review of mechanisms and impacts on ecosystem carbon balance. <i>Environmental Research Letters</i> , 2021 , 16, 053001	6.2	25
35	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
34	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
33	The lower limit of mountain permafrost in the Russian Altai Mountains. <i>Permafrost and Periglacial Processes</i> , 2007 , 18, 129-136	4.2	18
32	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
31	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
30	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, 1697-1713	2.8	14

29	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
28	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
27	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
26	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
25	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
24	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
23	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
22	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
21	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
20	Tundra fire alters vegetation patterns more than the resultant thermokarst. <i>Polar Biology</i> , 2018 , 41, 753-761	7	7
19	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
18	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
17	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
16	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
15	Thermal conductivity of soils in the active layer of Eastern Siberia. <i>Permafrost and Periglacial Processes</i> , 2005 , 16, 217-222	4.2	4
14	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
13	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
12	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

11	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
10	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
9	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
8	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
7	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
6	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
5	Climatic assessment of circum-Arctic permafrost zonation over the last 122 kyr. <i>Polar Science</i> , 2021 , 100765	1.5	0
4	Measurements of beryllium isotopes in ice wedges in Alaska. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019 , 459, 64-70	1.2	
3	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	
2	Environmental Consciousness of Local People of Yakutia Under Global Climate Change 2013 , 251-260		
1	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	