

Kenji Yoshikawa

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.

56

papers

3,765

citations

20

h-index

59

g-index

59

ext. papers

4,381

ext. citations

3.5

avg, IF

4.71

L-index

#	Paper	IF	Citations
56	Landforms of the Periglacial Environment: Pingos 2021 ,		
55	Permafrost Features and Talik Geometry in Hydrologic System 2021 , 409-440		
54	Ground thermal regimes and implications for permafrost distribution on Kilimanjaro, Tanzania. <i>Arctic, Antarctic, and Alpine Research</i> , 2021 , 53, 127-145	1.8	3
53	Freeze-thaw cycles and snow impact at arid permafrost region in Chajnantor Volcano, Atacama, northern Chile. <i>Arctic, Antarctic, and Alpine Research</i> , 2021 , 53, 60-66	1.8	4
52	Current thermal state of permafrost in the southern Peruvian Andes and potential impact from El Niño Southern Oscillation (ENSO). <i>Permafrost and Periglacial Processes</i> , 2020 , 31, 598-609	4.2	7
51	Community Ice Cellars In Eastern Chukotka: Climatic And Anthropogenic Influences On Structural Stability. <i>Geography, Environment, Sustainability</i> , 2020 , 13, 49-56	1	5
50	Unfrozen state by the supercooling of chub for traditional agriculture in altiplano andes. <i>Environmental and Sustainability Indicators</i> , 2020 , 8, 100063	3.5	1
49	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
48	Snow cover in Hawaii (1893-1953) and its effect on ground temperature. <i>Arctic, Antarctic, and Alpine Research</i> , 2019 , 51, 148-154	1.8	1
47	Permafrost is warming at a global scale. <i>Nature Communications</i> , 2019 , 10, 264	17.4	518
46	Thermal states, responsiveness and degradation of marginal permafrost in Mongolia. <i>Permafrost and Periglacial Processes</i> , 2018 , 29, 271-282	4.2	19
45	Traditional Inupiat Ice Cellars (SIUQAQ) in Barrow, Alaska: Characteristics, Temperature Monitoring, and Distribution. <i>Geographical Review</i> , 2017 , 107, 143-158	1.2	17
44	State of High-Altitude Permafrost on Tropical Maunakea Volcano, Hawaii. <i>Permafrost and Periglacial Processes</i> , 2017 , 28, 685-697	4.2	9
43	Stable isotopes in the closed-system Weather Pingo, Alaska and Pestsovoye Pingo, northwestern Siberia. <i>Cold Regions Science and Technology</i> , 2016 , 128, 13-21	3.8	7
42	Late Quaternary Permafrost Distributions Downscaled for South America: Examinations of GCM-based Maps with Observations. <i>Permafrost and Periglacial Processes</i> , 2016 , 27, 43-55	4.2	10
41	Does summer warming reduce black spruce productivity in interior Alaska?. <i>Journal of Forest Research</i> , 2015 , 20, 52-59	1.4	11
40	Evaluation of LPM permafrost distribution in NE Asia reconstructed and downscaled from GCM simulations. <i>Boreas</i> , 2014 , 43, 733-749	2.4	12

39	Introduction to the fifth Mars Polar Science special issue: Key questions, needed observations, and recommended investigations. <i>Icarus</i> , 2013 , 225, 864-868	3.8	7
38	Regional groundwater flow in an area mapped as continuous permafrost, NE Alaska (USA). <i>Hydrogeology Journal</i> , 2013 , 21, 41-52	3.1	51
37	Groundwater Hydrology and Stable Isotope Analysis of an Open-System Pingo in Northwestern Mongolia. <i>Permafrost and Periglacial Processes</i> , 2013 , 24, 175-183	4.2	20
36	Geoelectric observations of the degradation of nearshore submarine permafrost at Barrow (Alaskan Beaufort Sea). <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		29
35	Radar sounding of temperate permafrost in Alaska: Analogy to the Martian midlatitude to high-latitude ice-rich terrains. <i>Journal of Geophysical Research</i> , 2011 , 116,		19
34	Permafrost evidence for severe winter cooling during the Younger Dryas in northern Alaska. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	57
33	Lateglacial and Holocene isotopic and environmental history of northern coastal Alaska [Results from a buried ice-wedge system at Barrow. <i>Quaternary Science Reviews</i> , 2010 , 29, 3720-3735	3.9	52
32	Thermally-Conditioned Paleo-Permafrost Variations from Global Climate Modeling. <i>Scientific Online Letters on the Atmosphere</i> , 2009 , 5, 101-104	2.1	11
31	Pingos on Earth and Mars. <i>Planetary and Space Science</i> , 2009 , 57, 541-555	2	108
30	Using DOC to better understand local hydrology in a subarctic watershed. <i>Cold Regions Science and Technology</i> , 2008 , 51, 68-75	3.8	9
29	Physical short-term changes after a tussock tundra fire, Seward Peninsula, Alaska. <i>Journal of Geophysical Research</i> , 2007 , 112,		37
28	Spring and aufeis (icing) hydrology in Brooks Range, Alaska. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		47
27	The arctic freshwater system: Changes and impacts. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		160
26	Pyrolysis-GC/MS analysis of leachates for differentiating the parent matter of DOM. <i>Journal of Environmental Engineering and Science</i> , 2006 , 5, S77-S86	0.8	2
25	Secondary calcite crystallization and oxidation processes of granite near the summit of Mt. McKinley, Alaska. <i>Geomorphologie Relief, Processus, Environnement</i> , 2006 , 12,	0.7	1
24	Comparing unfrozen water content measurements of frozen soil using recently developed commercial sensors. <i>Cold Regions Science and Technology</i> , 2005 , 42, 250-256	3.8	77
23	Comparing electronic probes for volumetric water content of low-density feathermoss. <i>Sensor Review</i> , 2005 , 25, 215-221	1.4	9
22	A Py GC/MS Investigation of Dissolved Organic Matter and DBPs 2005 , 1		1

21	Evidence and Implications of Recent Climate Change in Northern Alaska and Other Arctic Regions. <i>Climatic Change</i> , 2005 , 72, 251-298	4.5	1074
20	Thermokarst Evolution in Sub-Arctic Alaska: A Study Case 2005 ,		1
19	Moisture content measurements of moss (<i>Sphagnum</i> spp.) using commercial sensors. <i>Permafrost and Periglacial Processes</i> , 2004 , 15, 309-318	4.2	47
18	Pyrolysis-GC/MS fingerprinting of environmental samples. <i>Journal of Analytical and Applied Pyrolysis</i> , 2004 , 71, 107-118	6	32
17	Remote sensing of vegetation and land-cover change in Arctic Tundra Ecosystems. <i>Remote Sensing of Environment</i> , 2004 , 89, 281-308	13.2	444
16	Present-Day Periglacial Environments in Central Spitsbergen, Svalbard. <i>Geographical Review of Japan</i> , 2004 , 77, 276-300		15
15	Mapping of periglacial geomorphology using kite/balloon aerial photography. <i>Permafrost and Periglacial Processes</i> , 2003 , 14, 81-85	4.2	42
14	Effects of permafrost degradation on woody vegetation at arctic treeline on the Seward Peninsula, Alaska. <i>Permafrost and Periglacial Processes</i> , 2003 , 14, 93-101	4.2	80
13	Shrinking thermokarst ponds and groundwater dynamics in discontinuous permafrost near council, Alaska. <i>Permafrost and Periglacial Processes</i> , 2003 , 14, 151-160	4.2	345
12	Impacts of wildfire on the permafrost in the boreal forests of Interior Alaska. <i>Journal of Geophysical Research</i> , 2003 , 108, FFR 4-1		191
11	Design and field experiments of a ground-penetrating radar for Mars exploration. <i>Journal of Geophysical Research</i> , 2003 , 108,		11
10	Origin of the polygons and the thickness of Vastitas Borealis Formation in Western Utopia Planitia on Mars. <i>Geophysical Research Letters</i> , 2003 , 30,	4.9	18
9	Use of dissolved organic matter to support hydrologic investigations in a permafrost-dominated watershed. <i>Cold Regions Science and Technology</i> , 2002 , 35, 27-33	3.8	10
8	The weathering of granodiorite porphyry in the thiel mountains, inland antarctica. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2000 , 82, 45-57	1.1	12
7	WEATHERING OF PALEOZOIC MARBLES IN THE INDEPENDENCE HILLS AND PATRIOT HILLS, ELLSWORTH MOUNTAINS, ANTARCTICA. <i>Physical Geography</i> , 2000 , 21, 568-576	1.8	4
6	Pingo growth ages in the delta area, Adventdalen, Spitsbergen. <i>Polar Record</i> , 1996 , 32, 347-352	0.5	14
5	Permafrost age and thickness near Adventfjorden, Spitsbergen 1 Field research for this article was supported by the Norsk Polarinstitutt. The authors are very grateful to Dr. Y. Ohta (Norsk Polarinstitutt) for assistance in field work, and to Nihon University for radiocarbon dating analysis. Thanks also are extended to Omron Corporation for financial support, to Professors M. Fukuda and	2.2	11
4	Observations on nearshore pingo growth, Adventdalen, Spitsbergen. <i>Permafrost and Periglacial Processes</i> , 1995 , 6, 361-372 <i>by</i> , 1996 , 20, 267-281	4.2	40

3	Notes on open-system pingo ice, Adventdalen, Spitsbergen. <i>Permafrost and Periglacial Processes</i> , 1993 , 4, 327-334	4.2	32
2	Age of growth of two pingos, Sarqaq Dalen, West Central Greenland. <i>Permafrost and Periglacial Processes</i> , 1991 , 2, 245-252	4.2	11
1	Climatic variation in the high mountains of central Mexico: Temperature and precipitation indices at Nevado de Toluca volcano		5