

Kenji Yoshikawa

List of Publications by Citations

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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 | 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 |
| 55 | Permafrost is warming at a global scale. <i>Nature Communications</i> , 2019 , 10, 264 | 17.4 | 518 |
| 54 | 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 |
| 53 | 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 |
| 52 | 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 |
| 51 | The arctic freshwater system: Changes and impacts. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a | | 160 |
| 50 | Pingos on Earth and Mars. <i>Planetary and Space Science</i> , 2009 , 57, 541-555 | 2 | 108 |
| 49 | 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 |
| 48 | 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 |
| 47 | 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 |
| 46 | 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 |
| 45 | Regional groundwater flow in an area mapped as continuous permafrost, NE Alaska (USA). <i>Hydrogeology Journal</i> , 2013 , 21, 41-52 | 3.1 | 51 |
| 44 | Spring and aufeis (icing) hydrology in Brooks Range, Alaska. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a | | 47 |
| 43 | 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 |
| 42 | Mapping of periglacial geomorphology using kite/balloon aerial photography. <i>Permafrost and Periglacial Processes</i> , 2003 , 14, 81-85 | 4.2 | 42 |
| 41 | Observations on nearshore pingo growth, Adventdalen, Spitsbergen. <i>Permafrost and Periglacial Processes</i> , 1995 , 6, 361-372 | 4.2 | 40 |
| 40 | Physical short-term changes after a tussock tundra fire, Seward Peninsula, Alaska. <i>Journal of Geophysical Research</i> , 2007 , 112, | | 37 |

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|----|---|-----|----|
| 39 | Pyrolysis-GC/MS fingerprinting of environmental samples. <i>Journal of Analytical and Applied Pyrolysis</i> , 2004 , 71, 107-118 | 6 | 32 |
| 38 | Notes on open-system pingo ice, Adventdalen, Spitsbergen. <i>Permafrost and Periglacial Processes</i> , 1993 , 4, 327-334 | 4.2 | 32 |
| 37 | 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 |
| 36 | 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 |
| 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 | Thermal states, responsiveness and degradation of marginal permafrost in Mongolia. <i>Permafrost and Periglacial Processes</i> , 2018 , 29, 271-282 | 4.2 | 19 |
| 33 | 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 |
| 32 | Traditional Iñupiat Ice Cellars (SIŪJAQ) in Barrow, Alaska: Characteristics, Temperature Monitoring, and Distribution. <i>Geographical Review</i> , 2017 , 107, 143-158 | 1.2 | 17 |
| 31 | Present-Day Periglacial Environments in Central Spitsbergen, Svalbard. <i>Geographical Review of Japan</i> , 2004 , 77, 276-300 | | 15 |
| 30 | Pingo growth ages in the delta area, Adventdalen, Spitsbergen. <i>Polar Record</i> , 1996 , 32, 347-352 | 0.5 | 14 |
| 29 | Evaluation of LPM permafrost distribution in NE Asia reconstructed and downscaled from GCM simulations. <i>Boreas</i> , 2014 , 43, 733-749 | 2.4 | 12 |
| 28 | 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 |
| 27 | Does summer warming reduce black spruce productivity in interior Alaska?. <i>Journal of Forest Research</i> , 2015 , 20, 52-59 | 1.4 | 11 |
| 26 | Thermally-Conditioned Paleo-Permafrost Variations from Global Climate Modeling. <i>Scientific Online Letters on the Atmosphere</i> , 2009 , 5, 101-104 | 2.1 | 11 |
| 25 | Design and field experiments of a ground-penetrating radar for Mars exploration. <i>Journal of Geophysical Research</i> , 2003 , 108, | | 11 |
| 24 | 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 |
| 23 | Age of growth of two pingos, Sarqaq Dalen, West Central Greenland. <i>Permafrost and Periglacial Processes</i> , 1991 , 2, 245-252 by, 1996, 20, 267-281 | 4.2 | 11 |
| 22 | 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 |

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|----|---|-----|----|
| 21 | 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 |
| 20 | State of High-Altitude Permafrost on Tropical Maunakea Volcano, Hawaii. <i>Permafrost and Periglacial Processes</i> , 2017 , 28, 685-697 | 4.2 | 9 |
| 19 | 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 |
| 18 | Comparing electronic probes for volumetric water content of low-density feathermoss. <i>Sensor Review</i> , 2005 , 25, 215-221 | 1.4 | 9 |
| 17 | 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 |
| 16 | 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 |
| 15 | 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 |
| 14 | Climatic variation in the high mountains of central Mexico: Temperature and precipitation indices at Nevado de Toluca volcano | | 5 |
| 13 | Community Ice Cellars In Eastern Chukotka: Climatic And Anthropogenic Influences On Structural Stability. <i>Geography, Environment, Sustainability</i> , 2020 , 13, 49-56 | 1 | 5 |
| 12 | 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 |
| 11 | 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 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | A Py GC/MS Investigation of Dissolved Organic Matter and DBPs 2005 , 1 | | 1 |
| 5 | 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 |
| 4 | Thermokarst Evolution in Sub-Arctic Alaska: A Study Case 2005 , | | 1 |

- 3 Unfrozen state by the supercooling of chub for traditional agriculture in altiplano andes. *Environmental and Sustainability Indicators*, **2020**, 8, 100063 3.5 1
- 2 Landforms of the Periglacial Environment: Pingos **2021**,
- 1 Permafrost Features and Talik Geometry in Hydrologic System **2021**, 409-440