

Benjamin Gaglioti

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,189
citations

430874

18
h-index

395702

33
g-index

33
all docs

33
docs citations

33
times ranked

2046
citing authors

#	ARTICLE	IF	CITATIONS
1	Lake and drained lake basin systems in lowland permafrost regions. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 85-98.	29.7	41
2	Expanding beaver pond distribution in Arctic Alaska, 1949 to 2019. <i>Scientific Reports</i> , 2022, 12, 7123.	3.3	8
3	Ecosystems at Glacier Margins Can Serve as Climate Change Laboratories. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	2
4	Geophysical Observations of Taliks Below Drained Lake Basins on the Arctic Coastal Plain of Alaska. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020889.	3.4	9
5	Tussocks Enduring or Shrubs Greening: Alternate Responses to Changing Fire Regimes in the Noatak River Valley, Alaska. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006009.	3.0	8
6	Remote Sensing-Based Statistical Approach for Defining Drained Lake Basins in a Continuous Permafrost Region, North Slope of Alaska. <i>Remote Sensing</i> , 2021, 13, 2539.	4.0	8
7	Is the modern-day dieback of yellow-cedar unprecedented?. <i>Canadian Journal of Forest Research</i> , 2021, 51, 1953-1965.	1.7	2
8	Multi-Dimensional Remote Sensing Analysis Documents Beaver-Induced Permafrost Degradation, Seward Peninsula, Alaska. <i>Remote Sensing</i> , 2021, 13, 4863.	4.0	5
9	Late Pleistocene shrub expansion preceded megafauna turnover and extinctions in eastern Beringia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	15
10	Summer warming explains widespread but not uniform greening in the Arctic tundra biome. <i>Nature Communications</i> , 2020, 11, 4621.	12.8	201
11	A narrow window of summer temperatures associated with shrub growth in Arctic Alaska. <i>Environmental Research Letters</i> , 2020, 15, 105012.	5.2	23
12	Climate-driven ecological stability as a globally shared cause of Late Quaternary megafaunal extinctions: the Plaids and Stripes Hypothesis. <i>Biological Reviews</i> , 2019, 94, 328-352.	10.4	62
13	Ice roads through lake-rich Arctic watersheds: Integrating climate uncertainty and freshwater habitat responses into adaptive management. <i>Arctic, Antarctic, and Alpine Research</i> , 2019, 51, 9-23.	1.1	22
14	Yellow-cedar blue intensity tree-ring chronologies as records of climate in Juneau, Alaska, USA. <i>Canadian Journal of Forest Research</i> , 2019, 49, 1483-1492.	1.7	16
15	Traumatic Resin Ducts in Alaska Mountain Hemlock Trees Provide a New Proxy for Winter Storminess. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1923-1938.	3.0	11
16	Greenhouse gas emissions from diverse Arctic Alaskan lakes are dominated by young carbon. <i>Nature Climate Change</i> , 2018, 8, 166-171.	18.8	72
17	Aeolian stratigraphy describes ice-age paleoenvironments in unglaciated Arctic Alaska. <i>Quaternary Science Reviews</i> , 2018, 182, 175-190.	3.0	33
18	Inland waters and their role in the carbon cycle of Alaska. <i>Ecological Applications</i> , 2017, 27, 1403-1420.	3.8	78

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19	Younger-Dryas cooling and sea-ice feedbacks were prominent features of the Pleistocene-Holocene transition in Arctic Alaska. <i>Quaternary Science Reviews</i> , 2017, 169, 330-343.	3.0	36
20	High-resolution records detect human-caused changes to the boreal forest wildfire regime in interior Alaska. <i>Holocene</i> , 2016, 26, 1064-1074.	1.7	11
21	Methane turnover and environmental change from Holocene lipid biomarker records in a thermokarst lake in Arctic Alaska. <i>Holocene</i> , 2016, 26, 1766-1777.	1.7	24
22	Distribution and biophysical processes of beaded streams in Arctic permafrost landscapes. <i>Biogeosciences</i> , 2015, 12, 29-47.	3.3	25
23	Post-glacial dispersal patterns of Northern pike inferred from an 8800 year old pike (<i>Esox cf. lucius</i>) skull from interior Alaska. <i>Quaternary Science Reviews</i> , 2015, 120, 118-125.	3.0	15
24	Life and extinction of megafauna in the ice-age Arctic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14301-14306.	7.1	78
25	Radiocarbon age-offsets in an arctic lake reveal the long-term response of permafrost carbon to climate change. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 1630-1651.	3.0	49
26	Ice-age megafauna in Arctic Alaska: extinction, invasion, survival. <i>Quaternary Science Reviews</i> , 2013, 70, 91-108.	3.0	86
27	Identification of unrecognized tundra fire events on the north slope of Alaska. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 1334-1344.	3.0	58
28	Reconstruction of past methane availability in an Arctic Alaska wetland indicates climate influenced methane release during the past ~12,000 years. <i>Journal of Paleolimnology</i> , 2012, 48, 27-42.	1.6	59
29	An ~11,200 year paleolimnological perspective for emerging archaeological findings at Quartz Lake, Alaska. <i>Journal of Paleolimnology</i> , 2012, 48, 83-99.	1.6	31
30	Pleistocene graminoid-dominated ecosystems in the Arctic. <i>Quaternary Science Reviews</i> , 2011, 30, 2906-2929.	3.0	65
31	Late Pleistocene paleoecology of arctic ground squirrel (<i>Urocyon parryi</i>) caches and nests from Interior Alaska's mammoth steppe ecosystem, USA. <i>Quaternary Research</i> , 2011, 76, 373-382.	1.7	13
32	The detailed palaeoecology of a mid-Wisconsinan interstadial (ca. 14,000 ± 1400 C a BP) vegetation surface from interior Alaska. <i>Journal of Quaternary Science</i> , 2011, 26, 746-756.	2.1	19
33	Developing graminoid cuticle analysis for application to Beringian palaeoecology. <i>Review of Palaeobotany and Palynology</i> , 2010, 162, 95-110.	1.5	4