## Miriam C Jones

List of Publications by Year in descending order

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MIDIAM CLONES

#	Article	IF	CITATIONS
1	Hydrologic Controls on Peat Permafrost and Carbon Processes: New Insights From Past and Future Modeling. Frontiers in Environmental Science, 2022, 10, .	3.3	1
2	Expert assessment of future vulnerability of the global peatland carbon sink. Nature Climate Change, 2021, 11, 70-77.	18.8	167
3	Permafrost Thaw in Northern Peatlands: Rapid Changes in Ecosystem and Landscape Functions. Ecological Studies, 2021, , 27-67.	1.2	11
4	Carbon Fluxes and Microbial Activities From Boreal Peatlands Experiencing Permafrost Thaw. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG005869.	3.0	18
5	The role of wetland expansion and successional processes in methane emissions from northern wetlands during the Holocene. Quaternary Science Reviews, 2021, 257, 106864.	3.0	15
6	Predicted Vulnerability of Carbon in Permafrost Peatlands With Future Climate Change and Permafrost Thaw in Western Canada. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG005872.	3.0	20
7	Influence of Permafrost Type and Site History on Losses of Permafrost Carbon After Thaw. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2021JG006396.	3.0	5
8	Impacts of Hurricane Irma on Florida Bay Islands, Everglades National Park, USA. Estuaries and Coasts, 2020, 43, 1070-1089.	2.2	9
9	Large stocks of peatland carbon and nitrogen are vulnerable to permafrost thaw. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20438-20446.	7.1	307
10	High sensitivity of Bering Sea winter sea ice to winter insolation and carbon dioxide over the last 5500 years. Science Advances, 2020, 6, .	10.3	16
11	Using multiple environmental proxies and hydrodynamic modeling to investigate Late Holocene climate and coastal change within a large Gulf of Mexico estuarine system (Mobile Bay, Alabama, USA). Marine Geology, 2020, 427, 106218.	2.1	8
12	Carbon release through abrupt permafrost thaw. Nature Geoscience, 2020, 13, 138-143.	12.9	434
13	Subsea permafrost carbon stocks and climate change sensitivity estimated by expert assessment. Environmental Research Letters, 2020, 15, 124075.	5.2	34
14	Rapid inundation of southern Florida coastline despite low relative sea-level rise rates during the late-Holocene. Nature Communications, 2019, 10, 3231.	12.8	36
15	Permafrost collapse is accelerating carbon release. Nature, 2019, 569, 32-34.	27.8	237
16	Widespread global peatland establishment and persistence over the last 130,000 y. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4822-4827.	7.1	82
17	An Assessment of Plant Species Differences on Cellulose Oxygen Isotopes From Two Kenai Peninsula, Alaska Peatlands: Implications for Hydroclimatic Reconstructions. Frontiers in Earth Science, 2019, 7, .	1.8	13
18	The Role of the Upper Tidal Estuary in Wetland Blue Carbon Storage and Flux. Global Biogeochemical Cycles, 2018, 32, 817-839.	4.9	91

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19	Near-surface permafrost aggradation in Northern Hemisphere peatlands shows regional and global trends during the past 6000 years. Holocene, 2018, 28, 998-1010.	1.7	34
20	A North American Hydroclimate Synthesis (NAHS) of the Common Era. Global and Planetary Change, 2018, 162, 175-198.	3.5	24
21	Latitudinal limits to the predicted increase of the peatland carbon sink with warming. Nature Climate Change, 2018, 8, 907-913.	18.8	188
22	The Impact of Late Holocene Land Use Change, Climate Variability, and Sea Level Rise on Carbon Storage in Tidal Freshwater Wetlands on the Southeastern United States Coastal Plain. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 3126-3141.	3.0	29
23	Rapid carbon loss and slow recovery following permafrost thaw in boreal peatlands. Global Change Biology, 2017, 23, 1109-1127.	9.5	70
24	Presence of rapidly degrading permafrost plateaus in south-central Alaska. Cryosphere, 2016, 10, 2673-2692.	3.9	34
25	Effects of permafrost aggradation on peat properties as determined from a panâ€Arctic synthesis of plant macrofossils. Journal of Geophysical Research C: Biogeosciences, 2016, 121, 78-94.	3.0	92
26	Holocene climate changes in eastern Beringia (NW North America) – A systematic review of multi-proxy evidence. Quaternary Science Reviews, 2016, 147, 312-339.	3.0	123
27	Thermokarst lake methanogenesis along a complete talik profile. Biogeosciences, 2015, 12, 4317-4331.	3.3	43
28	A database and synthesis of northern peatland soil properties and Holocene carbon and nitrogen accumulation. Holocene, 2014, 24, 1028-1042.	1.7	404
29	A deglacial and Holocene record of climate variability in south-central Alaska from stable oxygen isotopes and plant macrofossils in peat. Quaternary Science Reviews, 2014, 87, 1-11.	3.0	45
30	Evaluating CO2 and CH4 dynamics of Alaskan ecosystems during the Holocene Thermal Maximum. Quaternary Science Reviews, 2014, 86, 63-77.	3.0	5
31	A shift of thermokarst lakes from carbon sources to sinks during the Holocene epoch. Nature, 2014, 511, 452-456.	27.8	246
32	Late Holocene vegetation, climate, and land-use impacts on carbon dynamics in the Florida Everglades. Quaternary Science Reviews, 2014, 90, 90-105.	3.0	11
33	Sources and sinks of carbon in boreal ecosystems of interior Alaska: A review. Elementa, 2014, 2, .	3.2	22
34	Lateglacial and Holocene climate, disturbance and permafrost peatland dynamics on the Seward Peninsula, western Alaska. Quaternary Science Reviews, 2013, 63, 42-58.	3.0	25
35	A 2200-Year Record of Permafrost Dynamics and Carbon Cycling in a Collapse-Scar Bog, Interior Alaska. Ecosystems, 2013, 16, 1-19.	3.4	38
36	Peat accumulation in drained thermokarst lake basins in continuous, iceâ€rich permafrost, northern Seward Peninsula, Alaska. Journal of Geophysical Research, 2012, 117, .	3.3	84

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#	Article	IF	CITATIONS
37	Peatlands in the Earth's 21st century climate system. Environmental Reviews, 2011, 19, 371-396.	4.5	323
38	Expansion rate and geometry of floating vegetation mats on the margins of thermokarst lakes, northern Seward Peninsula, Alaska, USA. Earth Surface Processes and Landforms, 2011, 36, 1889-1897.	2.5	21
39	Rapid deglacial and early Holocene expansion of peatlands in Alaska. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7347-7352.	7.1	203
40	Climate and vegetation history from a 14,000-year peatland record, Kenai Peninsula, Alaska. Quaternary Research, 2009, 72, 207-217.	1.7	51
41	Sensitivity of Northern Peatland Carbon Dynamics to Holocene Climate Change. Geophysical Monograph Series, 0, , 55-69.	0.1	106