

Gary D Clow

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,180
citations

686830

13
h-index

839053

18
g-index

33
all docs

33
docs citations

33
times ranked

1869
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature, accumulation, and ice sheet elevation in central Greenland through the last deglacial transition. <i>Journal of Geophysical Research</i> , 1997, 102, 26383-26396.	3.3	462
2	A synthesis of the basal thermal state of the Greenland Ice Sheet. <i>Journal of Geophysical Research F: Earth Surface</i> , 2016, 121, 1328-1350.	1.0	122
3	Deglacial temperature history of West Antarctica. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14249-14254.	3.3	105
4	Radar attenuation and temperature within the Greenland Ice Sheet. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 983-1008.	1.0	72
5	Modeling erosion of ice-rich permafrost bluffs along the Alaskan Beaufort Sea coast. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 1155-1179.	1.0	71
6	Contrasting characteristics, changes, and linkages of permafrost between the Arctic and the Third Pole. <i>Earth-Science Reviews</i> , 2022, 230, 104042.	4.0	42
7	The recent warming trend in North Greenland. <i>Geophysical Research Letters</i> , 2017, 44, 6235-6243.	1.5	40
8	Continuously amplified warming in the Alaskan Arctic: Implications for estimating global warming hiatus. <i>Geophysical Research Letters</i> , 2017, 44, 9029-9038.	1.5	36
9	Recent surface temperature trends in the interior of East Antarctica from borehole firn temperature measurements and geophysical inverse methods. <i>Geophysical Research Letters</i> , 2011, 38, .	1.5	27
10	Changing Arctic River Dynamics Cause Localized Permafrost Thaw. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 2324-2344.	1.0	27
11	The Diurnal Temperature Range in CMIP6 Models: Climatology, Variability, and Evolution. <i>Journal of Climate</i> , 2020, 33, 8261-8279.	1.2	22
12	A synthesis dataset of permafrost-affected soil thermal conditions for Alaska, USA. <i>Earth System Science Data</i> , 2018, 10, 2311-2328.	3.7	18
13	Geothermal heat flux from measured temperature profiles in deep ice boreholes in Antarctica. <i>Cryosphere</i> , 2020, 14, 4021-4037.	1.5	17
14	A Modeling Toolbox for Permafrost Landscapes. <i>Eos</i> , 2018, 99, .	0.1	9
15	A Green's function approach for assessing the thermal disturbance caused by drilling deep boreholes in rock or ice. <i>Geophysical Journal International</i> , 2015, 203, 1877-1895.	1.0	8
16	CVPM 1.1: a flexible heat-transfer modeling system for permafrost. <i>Geoscientific Model Development</i> , 2018, 11, 4889-4908.	1.3	8
17	Newly collected data across Alaska reveal remarkable biases in solar radiation products. <i>International Journal of Climatology</i> , 2021, 41, 497-512.	1.5	4
18	Reconstructed global monthly land air temperature dataset (1880–2017). <i>Geoscience Data Journal</i> , 2020, 7, 4-12.	1.8	2

#	ARTICLE	IF	CITATIONS
19	Application of Tikhonov regularization to reconstruct past climate record from borehole temperature. Inverse Problems in Science and Engineering, 2021, 29, 3167-3189.	1.2	0