

Christian Kienholz

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,767
citations

623734

14
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

2078
citing authors

#	ARTICLE	IF	CITATIONS
1	The Randolph Glacier Inventory: a globally complete inventory of glaciers. <i>Journal of Glaciology</i> , 2014, 60, 537-552.	2.2	895
2	Glacier changes in the Karakoram region mapped by multitemporal satellite imagery. <i>Cryosphere</i> , 2014, 8, 977-989.	3.9	139
3	Surface melt dominates Alaska glacier mass balance. <i>Geophysical Research Letters</i> , 2015, 42, 5902-5908.	4.0	126
4	Direct observations of submarine melt and subsurface geometry at a tidewater glacier. <i>Science</i> , 2019, 365, 369-374.	12.6	77
5	A new method for deriving glacier centerlines applied to glaciers in Alaska and northwest Canada. <i>Cryosphere</i> , 2014, 8, 503-519.	3.9	76
6	Derivation and analysis of a complete modern-date glacier inventory for Alaska and northwest Canada. <i>Journal of Glaciology</i> , 2015, 61, 403-420.	2.2	60
7	Glacier area and length changes in Norway from repeat inventories. <i>Cryosphere</i> , 2014, 8, 1885-1903.	3.9	48
8	Meltwater Intrusions Reveal Mechanisms for Rapid Submarine Melt at a Tidewater Glacier. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085335.	4.0	44
9	Hypsometric control on glacier mass balance sensitivity in Alaska and northwest Canada. <i>Earth's Future</i> , 2017, 5, 324-336.	6.3	42
10	Satellite observations show no net change in the percentage of supraglacial debris-covered area in northern Pakistan from 1977 to 2014. <i>Journal of Glaciology</i> , 2015, 61, 524-536.	2.2	41
11	Modeling the evolution of the Juneau Icefield between 1971 and 2100 using the Parallel Ice Sheet Model (PISM). <i>Journal of Glaciology</i> , 2016, 62, 199-214.	2.2	38
12	End-of-winter snow depth variability on glaciers in Alaska. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 1530-1550.	2.8	34
13	Hydrologic impacts of changes in climate and glacier extent in the Gulf of Alaska watershed. <i>Water Resources Research</i> , 2017, 53, 7502-7520.	4.2	33
14	A new semi-automatic approach for dividing glacier complexes into individual glaciers. <i>Journal of Glaciology</i> , 2013, 59, 925-937.	2.2	32
15	Tracking icebergs with time-lapse photography and sparse optical flow, LeConte Bay, Alaska, 2016-2017. <i>Journal of Glaciology</i> , 2019, 65, 195-211.	2.2	15
16	Deglacierization of a Marginal Basin and Implications for Outburst Floods, Mendenhall Glacier, Alaska. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	14
17	Mass Balance Evolution of Black Rapids Glacier, Alaska, 1980-2100, and Its Implications for Surge Recurrence. <i>Frontiers in Earth Science</i> , 2017, 5, .	1.8	13
18	Formation, flow and break-up of ephemeral ice mounds at LeConte Glacier and Bay, Alaska. <i>Journal of Glaciology</i> , 2020, 66, 577-590.	2.2	11

#	ARTICLE	IF	CITATIONS
19	Subglacial Discharge Reflux and Buoyancy Forcing Drive Seasonality in a Silled Glacial Fjord. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	11
20	Geodetic mass balance of surge-type Black Rapids Glacier, Alaska, 1980–2010, including role of rockslide deposition and earthquake displacement. Journal of Geophysical Research F: Earth Surface, 2016, 121, 2358-2380.	2.8	9
21	Morainal Bank Evolution and Impact on Terminus Dynamics During a Tidewater Glacier Stillstand. Journal of Geophysical Research F: Earth Surface, 2020, 125, e2019JF005359.	2.8	5
22	Glacier Changes in the Susitna Basin, Alaska, USA, (1951–2015) using GIS and Remote Sensing Methods. Remote Sensing, 2017, 9, 478.	4.0	4