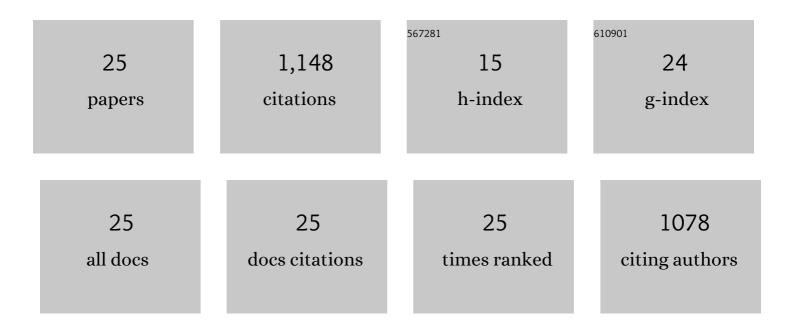
## Jason Amundson

List of Publications by Year in descending order

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LASON AMUNDSON

#	Article	IF	CITATIONS
1	Seismic Mapping of Subglacial Hydrology Reveals Previously Undetected Pressurization Event. Journal of Geophysical Research F: Earth Surface, 2022, 127, .	2.8	1
2	Tidewater glacier response to individual calving events. Journal of Glaciology, 2022, 68, 1117-1126.	2.2	5
3	Subglacial Discharge Reflux and Buoyancy Forcing Drive Seasonality in a Silled Glacial Fjord. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	11
4	lce thickness estimates of Lemon Creek Glacier, Alaska, from active-source seismic imaging. Journal of Glaciology, 2021, 67, 824-832.	2.2	2
5	Granular decoherence precedes ice mélange failure and glacier calving at Jakobshavn Isbræ. Nature Geoscience, 2021, 14, 417-422.	12.9	16
6	Meltwater Intrusions Reveal Mechanisms for Rapid Submarine Melt at a Tidewater Glacier. Geophysical Research Letters, 2020, 47, e2019GL085335.	4.0	44
7	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
8	Formation, flow and break-up of ephemeral ice mélange at LeConte Glacier and Bay, Alaska. Journal of Glaciology, 2020, 66, 577-590.	2.2	11
9	Direct observations of submarine melt and subsurface geometry at a tidewater glacier. Science, 2019, 365, 369-374.	12.6	77
10	Tracking icebergs with time-lapse photography and sparse optical flow, LeConte Bay, Alaska, 2016–2017. Journal of Glaciology, 2019, 65, 195-211.	2.2	15
11	Seismic Tremor Reveals Spatial Organization and Temporal Changes of Subglacial Water System. Journal of Geophysical Research F: Earth Surface, 2019, 124, 427-446.	2.8	22
12	Non-linear glacier response to calving events, Jakobshavn Isbræ, Greenland. Journal of Glaciology, 2019, 65, 39-54.	2.2	17
13	Quantifying flow and stress in ice mélange, the world's largest granular material. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5105-5110.	7.1	33
14	Effect of Topography on Subglacial Discharge and Submarine Melting During Tidewater Glacier Retreat. Journal of Geophysical Research F: Earth Surface, 2018, 123, 66-79.	2.8	15
15	Quasi‣tatic Granular Flow of Ice Mélange. Journal of Geophysical Research F: Earth Surface, 2018, 123, 2243-2257.	2.8	16
16	A mass-flux perspective of the tidewater glacier cycle. Journal of Glaciology, 2016, 62, 82-93.	2.2	10
17	Subseasonal changes observed in subglacial channel pressure, size, and sediment transport. Geophysical Research Letters, 2016, 43, 3786-3794.	4.0	68
18	Subglacial discharge at tidewater glaciers revealed by seismic tremor. Geophysical Research Letters, 2015, 42, 6391-6398.	4.0	60

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#	Article	IF	CITATIONS
19	Dynamic jamming of icebergâ€choked fjords. Geophysical Research Letters, 2015, 42, 1122-1129.	4.0	28
20	Seasonal and interannual variations in ice melange and its impact on terminus stability, Jakobshavn Isbræ, Greenland. Journal of Glaciology, 2015, 61, 76-88.	2.2	73
21	Rapid submarine melting driven by subglacial discharge, LeConte Glacier, Alaska. Geophysical Research Letters, 2013, 40, 5153-5158.	4.0	133
22	Outlet glacier response to forcing over hourly to interannual timescales, Jakobshavn Isbræ, Greenland. Journal of Glaciology, 2012, 58, 1212-1226.	2.2	25
23	A unifying framework for iceberg-calving models. Journal of Glaciology, 2010, 56, 822-830.	2.2	61
24	lce mélange dynamics and implications for terminus stability, Jakobshavn Isbræ, Greenland. Journal of Geophysical Research, 2010, 115, .	3.3	289
25	Glacier, fjord, and seismic response to recent large calving events, Jakobshavn Isbræ, Greenland. Geophysical Research Letters, 2008, 35, .	4.0	111