Roman J Motyka

List of Publications by Year
in descending order

15	929	759233 12	996975 15
papers	citations	h-index	g-index

15	15	15	924
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Submarine melting at the terminus of a temperate tidewater glacier, LeConte Glacier, Alaska, U.S.A.. Annals of Glaciology, 2003, 36, 57-65.	1.4	282
2	Rapid submarine melting driven by subglacial discharge, LeConte Glacier, Alaska. Geophysical Research Letters, 2013, 40, 5153-5158.	4.0	133
3	Where glaciers meet water: Subaqueous melt and its relevance to glaciers in various settings. Reviews of Geophysics, 2016, 54, 220-239.	23.0	128
4	A complex relationship between calving glaciers and climate. Eos, 2011, 92, 305-306.	0.1	87
5	TAKU AND LE CONTE GLACIERS, ALASKA: CALVING-SPEED CONTROL OF LATE-HOLOCENE ASYNCHRONOUS ADVANCES AND RETREATS. Physical Geography, 1995, 16, 59-82.	1.4	55
6	Rapid erosion of soft sediments by tidewater glacier advance: Taku Glacier, Alaska, USA. Geophysical Research Letters, 2006, 33, .	4.0	47
7	Asynchronous behavior of outlet glaciers feeding GodthÃ¥bsfjord (Nuup Kangerlua) and the triggering of Narsap Sermia's retreat in SW Greenland. Journal of Glaciology, 2017, 63, 288-308.	2.2	40
8	Taku Glacier, Southeast Alaska, U.S.A.: Late Holocene History of a Tidewater Glacier. Arctic and Alpine Research, 1996, 28, 42.	1.3	36
9	Volume change of Jakobshavn IsbrÃ¦, West Greenland: 1985â€“1997â€“2007. Journal of Glaciology, 2010, 56, 635-646.	2.2	31
10	Taku Glacier (Alaska, U.S.A.) on the move again: active deformation of proglacial sediments. Journal of Glaciology, 2003, 49, 50-58.	2.2	26
11	Terminus dynamics at an advancing glacier: Taku Glacier, Alaska. Journal of Glaciology, 2009, 55, 1052-1060.	2.2	24
12	Tracking icebergs with time-lapse photography and sparse optical flow, LeConte Bay, Alaska, 2016â€“2017. Journal of Glaciology, 2019, 65, 195-211.	2.2	15
13	Formation, flow and break-up of ephemeral ice mÃ©lange at LeConte Glacier and Bay, Alaska. Journal of Glaciology, 2020, 66, 577-590.	2.2	11
14	Subglacial Discharge Reflux and Buoyancy Forcing Drive Seasonality in a Silled Glacial Fjord. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	11
15	Sediment redistribution beneath the terminus of an advancing glacier, Taku Glacier (T'aa<u>k</u>Ãº<u>K</u>wÃ¡an SÃ‡'i), Alaska. Journal of Glaciology, 2021, 67, 204-218.	2.2	3