Darrel A Swift

List of Publications by Year
in descending order

28 papers	697 citations	623699 14 h-index	677123 22 g-index
34 all docs	34 docs citations	34 times ranked	897 citing authors

#	Article	IF	Citations
1	Ice and snow as land-forming agents. , 2021, , 165-198.		2
2	The hydrology of glacierâ€bed overdeepenings: Sediment transport mechanics, drainage system morphology, and geomorphological implications. Earth Surface Processes and Landforms, 2021, 46, 2264-2278.	2.5	7
3	The empirical basis for modelling glacial erosion rates. Nature Communications, 2020, 11, 759.	12.8	60
4	Proglacial icings as indicators of glacier thermal regime: ice thickness changes and icing occurrence in Svalbard. Geografiska Annaler, Series A: Physical Geography, 2019, 101, 334-349.	1.5	9
5	Can glacial shearing of sediment reset the signal used for luminescence dating?. Geomorphology, 2018, 306, 90-101.	2.6	9
6	Geomorphological investigation of multiphase glacitectonic composite ridge systems in Svalbard. Geomorphology, 2018, 300, 176-188.	2.6	9
7	Terminal zone glacial sediment transfer at a temperate overdeepened glacier system. Quaternary Science Reviews, 2018, 180, 111-131.	3.0	23
8	Going against the flow: Testing the hypothesis of pulsed axial glacier flow. Earth Surface Processes and Landforms, 2018, 43, 2754-2761.	2.5	4
9	Generating synthetic fjord bathymetry for coastal Greenland. Cryosphere, 2017, 11, 363-380.	3.9	21
10	Distribution and characteristics of overdeepenings beneath the Greenland and Antarctic ice sheets: Implications for overdeepening origin and evolution. Quaternary Science Reviews, 2016, 148, 128-145.	3.0	39
11	Automated mapping of glacial overdeepenings beneath contemporary ice sheets: Approaches and potential applications. Geomorphology, 2015, 232, 209-223.	2.6	10
12	Ice and Snow as Land-Forming Agents. , 2015, , 167-199.		7
13	Ogive (Glacial). , 2015, , 1481-1484.		1
14	Antarctica's lost landscape. Nature Geoscience, 2013, 6, 162-163.	12.9	0
15	Investigating the effects of glacial shearing of sediment on luminescence. Quaternary Geochronology, 2012, 10, 230-236.	1.4	18
16	Theoretical framework and diagnostic criteria for the identification of palaeo-subglacial lakes. Quaternary Science Reviews, 2012, 53, 88-110.	3.0	35
17	Subglacial basins: Their origin and importance in glacial systems and landscapes. Earth-Science Reviews, 2012, 115, 332-372.	9.1	140
18	Basal Sediment Evacuation by Subglacial Drainage Systems. Encyclopedia of Earth Sciences Series, 2011, , 85-90.	0.1	0

#	Article	IF	Citations
19	Sedimentary signatures of basal ice formation and their preservation in ice-marginal sediments. Geomorphology, 2011, 125, 122-131.	2.6	17
20	Anomalous luminescence of subglacial sediment at Haut Glacier d'Arolla, Switzerland - a consequence of resetting at the glacier bed?. Boreas, 2011, 40, 446-458.	2.4	8
21	Origin and significance of â€˜dispersed faciesâ€™ basal ice: SvÃ¤nafellsjÃ¶kull, Iceland. Journal of Glaciology, 2011, 57, 710-720.	2.2	15
22	Glacial landscape evolution â€" Implications for glacial processes, patterns and reconstructions. Geomorphology, 2008, 97, 1-4.	2.6	9
23	A reassessment of the role of ice sheet glaciation in the long-term evolution of the East Greenland fjord region. Geomorphology, 2008, 97, 109-125.	2.6	43
24	Transverse englacial debris-rich ice bands at KvÃ¡rjÃ¶kull, southeast Iceland. Quaternary Science Reviews, 2006, 25, 1708-1718.	3.0	53
25	Basal sediment evacuation by subglacial meltwater: suspended sediment transport from Haut Glacier d'Arolla, Switzerland. Earth Surface Processes and Landforms, 2005, 30, 867-883.	2.5	58
26	Seasonal evolution of runoff from Haut Glacier d'Arolla, Switzerland and implications for glacial geomorphic processes. Journal of Hydrology, 2005, 309, 133-148.	5.4	45
27	Geomorphic implications of subglacial drainage configuration: rates of basal sediment evacuation controlled by seasonal drainage system evolution. Sedimentary Geology, 2002, 149, 5-19.	2.1	51
28	Haut Glacier d'Arolla, Switzerland: Hydrological Controls on Basal Sediment Evacuation and Glacial Erosion. , 0, , 23-25.		0