

# Julien Seguinot

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

606  
citations

840776

11  
h-index

940533

16  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1044  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling last glacial cycle ice dynamics in the Alps. <i>Cryosphere</i> , 2018, 12, 3265-3285.	3.9	152
2	Cordilleran Ice Sheet mass loss preceded climate reversals near the Pleistocene Termination. <i>Science</i> , 2017, 358, 781-784.	12.6	74
3	SHMIP The subglacial hydrology model intercomparison Project. <i>Journal of Glaciology</i> , 2018, 64, 897-916.	2.2	50
4	Numerical simulations of the Cordilleran ice sheet through the last glacial cycle. <i>Cryosphere</i> , 2016, 10, 639-664.	3.9	49
5	Last Glacial Maximum precipitation pattern in the Alps inferred from glacier modelling. <i>Geographica Helvetica</i> , 2016, 71, 173-187.	0.8	45
6	Short-lived ice speed-up and plume water flow captured by a VTOL UAV give insights into subglacial hydrological system of Bowdoin Glacier. <i>Remote Sensing of Environment</i> , 2018, 217, 389-399.	11.0	40
7	Initiation of a major calving event on the Bowdoin Glacier captured by UAV photogrammetry. <i>Cryosphere</i> , 2017, 11, 911-921.	3.9	37
8	Faceted spurs at normal fault scarps: Insights from numerical modeling. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	36
9	Spatial and seasonal effects of temperature variability in a positive degree-day glacier surface mass-balance model. <i>Journal of Glaciology</i> , 2013, 59, 1202-1204.	2.2	25
10	The effect of climate forcing on numerical simulations of the Cordilleran ice sheet at the Last Glacial Maximum. <i>Cryosphere</i> , 2014, 8, 1087-1103.	3.9	24
11	Modelling the diversion of erratic boulders by the Valais Glacier during the last glacial maximum. <i>Journal of Glaciology</i> , 2017, 63, 487-498.	2.2	24
12	Englacial Warming Indicates Deep Crevassing in Bowdoin Glacier, Greenland. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	10
13	Thinning leads to calving-style changes at Bowdoin Glacier, Greenland. <i>Cryosphere</i> , 2021, 15, 485-500.	3.9	10
14	Last-glacial-cycle glacier erosion potential in the Alps. <i>Earth Surface Dynamics</i> , 2021, 9, 923-935.	2.4	9
15	Modelling a paleo valley glacier network using a hybrid model: an assessment with a Stokes ice flow model. <i>Journal of Glaciology</i> , 2019, 65, 1000-1010.	2.2	8
16	Daily temperature variability predetermined by thermal conditions over ice-sheet surfaces. <i>Journal of Glaciology</i> , 2014, 60, 603-605.	2.2	5