

Ellyn Enderlin

List of Publications by Year in descending order

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34
papers

1,921
citations

516710

16
h-index

377865

34
g-index

55
all docs

55
docs citations

55
times ranked

2250
citing authors

#	ARTICLE	IF	CITATIONS
1	An improved mass budget for the Greenland ice sheet. <i>Geophysical Research Letters</i> , 2014, 41, 866-872.	4.0	500
2	On the recent contribution of the Greenland ice sheet to sea level change. <i>Cryosphere</i> , 2016, 10, 1933-1946.	3.9	358
3	Seasonal variability in the dynamics of marine-terminating outlet glaciers in Greenland. <i>Journal of Glaciology</i> , 2010, 56, 601-613.	2.2	184
4	Land Ice Freshwater Budget of the Arctic and North Atlantic Oceans: 1. Data, Methods, and Results. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 1827-1837.	2.6	110
5	High sensitivity of tidewater outlet glacier dynamics to shape. <i>Cryosphere</i> , 2013, 7, 1007-1015.	3.9	89
6	Submarine melt rate estimates for floating termini of Greenland outlet glaciers (2000–2010). <i>Journal of Glaciology</i> , 2013, 59, 67-75.	2.2	69
7	Iceberg meltwater fluxes dominate the freshwater budget in Greenland's iceberg-congested glacial fjords. <i>Geophysical Research Letters</i> , 2016, 43, 11,287.	4.0	67
8	Representing Greenland ice sheet freshwater fluxes in climate models. <i>Geophysical Research Letters</i> , 2015, 42, 6373-6381.	4.0	60
9	Future Evolution of Greenland's Marine-Terminating Outlet Glaciers. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2018JF004873.	2.8	57
10	Changes in the marine-terminating glaciers of central east Greenland, 2000–2010. <i>Cryosphere</i> , 2012, 6, 211-220.	3.9	53
11	Estimates of iceberg submarine melting from high-resolution digital elevation models: application to Sermilik Fjord, East Greenland. <i>Journal of Glaciology</i> , 2014, 60, 1084-1092.	2.2	46
12	Iceberg properties and distributions in three Greenlandic fjords using satellite imagery. <i>Annals of Glaciology</i> , 2017, 58, 92-106.	1.4	45
13	Landsat TM and ETM+ derived snowline altitudes in the Cordillera Huayhuash and Cordillera Raura, Peru, 1986–2005. <i>Cryosphere</i> , 2011, 5, 419-430.	3.9	38
14	Ice mass change in Greenland and Antarctica between 1993 and 2013 from satellite gravity measurements. <i>Journal of Geodesy</i> , 2017, 91, 1283-1298.	3.6	29
15	Greenland iceberg melt variability from high-resolution satellite observations. <i>Cryosphere</i> , 2018, 12, 565-575.	3.9	20
16	Terminus advance, kinematics and mass redistribution during eight surges of Donjek Glacier, St. Elias Range, Canada, 1935 to 2016. <i>Journal of Glaciology</i> , 2019, 65, 565-579.	2.2	18
17	Improved estimates of glacier change rates at Nevado Coropuna Ice Cap, Peru. <i>Journal of Glaciology</i> , 2018, 64, 175-184.	2.2	17
18	Analysis of Antarctic Peninsula glacier frontal ablation rates with respect to iceberg melt-inferred variability in ocean conditions. <i>Journal of Glaciology</i> , 2020, 66, 457-470.	2.2	17

#	ARTICLE	IF	CITATIONS
19	The sensitivity of flowline models of tidewater glaciers to parameter uncertainty. <i>Cryosphere</i> , 2013, 7, 1579-1590.	3.9	15
20	Seasonal mass variations show timing and magnitude of meltwater storage in the Greenland Ice Sheet. <i>Cryosphere</i> , 2018, 12, 2981-2999.	3.9	15
21	Evolving Environmental and Geometric Controls on Columbia Glacier's Continued Retreat. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 1528-1545.	2.8	14
22	Improved GRACE regional mass balance estimates of the Greenland ice sheet cross-validated with the input-output method. <i>Cryosphere</i> , 2016, 10, 895-912.	3.9	11
23	Automated Detection of Marine Glacier Calving Fronts Using the 2-D Wavelet Transform Modulus Maxima Segmentation Method. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 9047-9056.	6.3	10
24	Evaluation of Iceberg Calving Models Against Observations From Greenland Outlet Glaciers. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005444.	2.8	8
25	Fragmentation theory reveals processes controlling iceberg size distributions. <i>Journal of Glaciology</i> , 2021, 67, 603-612.	2.2	8
26	Sharp contrasts in observed and modeled crevasse patterns at Greenland's marine terminating glaciers. <i>Cryosphere</i> , 2020, 14, 4121-4133.	3.9	8
27	Semi-automated open water iceberg detection from Landsat applied to Disko Bay, West Greenland. <i>Journal of Glaciology</i> , 2019, 65, 468-480.	2.2	7
28	Crevasse initiation and history within the McMurdo Shear Zone, Antarctica. <i>Journal of Glaciology</i> , 2019, 65, 989-999.	2.2	7
29	Climate and surging of Donjek Glacier, Yukon, Canada. <i>Arctic, Antarctic, and Alpine Research</i> , 2020, 52, 264-280.	1.1	7
30	Kinematics of the exceptionally-short surge cycles of KúsĀi (Turner Glacier), Alaska, from 1983 to 2013. <i>Journal of Glaciology</i> , 2021, 67, 744-758.	2.2	6
31	An Empirical Approach for Estimating Stress-Coupling Lengths for Marine-Terminating Glaciers. <i>Frontiers in Earth Science</i> , 2016, 4, .	1.8	5
32	First-Order Estimates of Coastal Bathymetry in Ilulissat and Naajarsuit Fjords, Greenland, from Remotely Sensed Iceberg Observations. <i>Remote Sensing</i> , 2019, 11, 935.	4.0	4
33	Synchronous Retreat of Southeast Greenland's Peripheral Glaciers. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	3
34	Dynamic mass loss from Greenland's marine-terminating peripheral glaciers (1985-2018). <i>Journal of Glaciology</i> , 2023, 69, 153-163.	2.2	3