

# Emily L Shroyer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3818197/publications.pdf>

Version: 2024-02-01

25  
papers

1,088  
citations

516710

16  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1248  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed subglacial discharge drives significant submarine melt at a Greenland tidewater glacier. <i>Geophysical Research Letters</i> , 2015, 42, 9328-9336.	4.0	140
2	Modeling Turbulent Subglacial Meltwater Plumes: Implications for Fjord-Scale Buoyancy-Driven Circulation. <i>Journal of Physical Oceanography</i> , 2015, 45, 2169-2185.	1.7	98
3	The impact of glacier geometry on meltwater plume structure and submarine melt in Greenland fjords. <i>Geophysical Research Letters</i> , 2016, 43, 9739-9748.	4.0	97
4	Freshwater in the Bay of Bengal: Its Fate and Role in Air-Sea Heat Exchange. <i>Oceanography</i> , 2016, 29, 72-81.	1.0	87
5	Geometric Controls on Tidewater Glacier Retreat in Central Western Greenland. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 2024-2038.	2.8	86
6	Inland thinning on the Greenland ice sheet controlled by outlet glacier geometry. <i>Nature Geoscience</i> , 2017, 10, 366-369.	12.9	74
7	Near-glacier surveying of a subglacial discharge plume: Implications for plume parameterizations. <i>Geophysical Research Letters</i> , 2017, 44, 6886-6894.	4.0	63
8	Subglacial discharge-driven renewal of tidewater glacier fjords. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 6611-6629.	2.6	55
9	Modification of Upper-Ocean Temperature Structure by Subsurface Mixing in the Presence of Strong Salinity Stratification. <i>Oceanography</i> , 2016, 29, 62-71.	1.0	48
10	Contrasts in the response of adjacent fjords and glaciers to ice-sheet surface melt in West Greenland. <i>Annals of Glaciology</i> , 2016, 57, 25-38.	1.4	46
11	Progress in understanding of Indian Ocean circulation, variability, air-sea exchange, and impacts on biogeochemistry. <i>Ocean Science</i> , 2021, 17, 1677-1751.	3.4	43
12	Reconciling Drivers of Seasonal Terminus Advance and Retreat at 13 Central West Greenland Tidewater Glaciers. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 1590-1607.	2.8	39
13	Evolution of Turbulence in the Diurnal Warm Layer. <i>Journal of Physical Oceanography</i> , 2018, 48, 383-396.	1.7	35
14	Monsoon Mixing Cycles in the Bay of Bengal: A Year-Long Subsurface Mixing Record. <i>Oceanography</i> , 2016, 29, 158-169.	1.0	28
15	Seasonal control of Petermann Gletscher ice-shelf melt by the ocean's response to sea-ice cover in Nares Strait. <i>Journal of Glaciology</i> , 2017, 63, 324-330.	2.2	26
16	Distinct Frontal Ablation Processes Drive Heterogeneous Submarine Terminus Morphology. <i>Geophysical Research Letters</i> , 2019, 46, 12083-12091.	4.0	18
17	Turbulent Kinetic Energy Dissipation in Barrow Canyon. <i>Journal of Physical Oceanography</i> , 2012, 42, 1012-1021.	1.7	17
18	Seasonality and Buoyancy Suppression of Turbulence in the Bay of Bengal. <i>Geophysical Research Letters</i> , 2019, 46, 4346-4355.	4.0	17

#	ARTICLE	IF	CITATIONS
19	Observations and Modeling of a Hydrothermal Plume in Yellowstone Lake. <i>Geophysical Research Letters</i> , 2019, 46, 6435-6442.	4.0	15
20	Bay of Bengal Intraseasonal Oscillations and the 2018 Monsoon Onset. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E1936-E1951.	3.3	15
21	Subannual and Seasonal Variability of Atlantic Origin Waters in Two Adjacent West Greenland Fjords. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 6670-6687.	2.6	14
22	Upper layer thermohaline structure of the Bay of Bengal during the 2013 northeast monsoon. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 172, 104630.	1.4	12
23	Nutrient-Rich Gravity Current Formed by Upwelling in Barrow Canyon: High-Resolution Observations. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016160.	2.6	7
24	Freshwater Lens Fronts Propagating as Buoyant Gravity Currents in the Equatorial Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017186.	2.6	7
25	Mixing in equatorial oceans. , 2022, , 257-273.		1