Emily L Shroyer

List of Publications by Year
in descending order

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	Mixing in equatorial oceans. , 2022, , 257-273.		1
2	Bay of Bengal Intraseasonal Oscillations and the 2018 Monsoon Onset. Bulletin of the American Meteorological Society, 2021, 102, E1936-E1951.	3.3	15
3	Freshwater Lens Fronts Propagating as Buoyant Gravity Currents in the Equatorial Indian Ocean. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017186.	2.6	7
4	Progress in understanding of Indian Ocean circulation, variability, airâ€“sea exchange, and impacts on biogeochemistry. Ocean Science, 2021, 17, 1677-1751.	3.4	43
5	Upper layer thermohaline structure of the Bay of Bengal during the 2013 northeast monsoon. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 172, 104630.	1.4	12
6	Nutrientâ€Rich Gravity Current Formed by Upwelling in Barrow Canyon: Highâ€Resolution Observations. Journal of Geophysical Research: Oceans, 2020, 125, e2020JC016160.	2.6	7
7	Distinct Frontal Ablation Processes Drive Heterogeneous Submarine Terminus Morphology. Geophysical Research Letters, 2019, 46, 12083-12091.	4.0	18
8	Observations and Modeling of a Hydrothermal Plume in Yellowstone Lake. Geophysical Research Letters, 2019, 46, 6435-6442.	4.0	15
9	Seasonality and Buoyancy Suppression of Turbulence in the Bay of Bengal. Geophysical Research Letters, 2019, 46, 4346-4355.	4.0	17
10	Evolution of Turbulence in the Diurnal Warm Layer. Journal of Physical Oceanography, 2018, 48, 383-396.	1.7	35
11	Geometric Controls on Tidewater Glacier Retreat in Central Western Greenland. Journal of Geophysical Research F: Earth Surface, 2018, 123, 2024-2038.	2.8	86
12	Reconciling Drivers of Seasonal Terminus Advance and Retreat at 13 Central West Greenland Tidewater Glaciers. Journal of Geophysical Research F: Earth Surface, 2018, 123, 1590-1607.	2.8	39
13	Subannual and Seasonal Variability of Atlanticâ€Origin Waters in Two Adjacent West Greenland Fjords. Journal of Geophysical Research: Oceans, 2018, 123, 6670-6687.	2.6	14
14	Inland thinning on the Greenland ice sheet controlled by outlet glacier geometry. Nature Geoscience, 2017, 10, 366-369.	12.9	74
15	Nearâ€glacier surveying of a subglacial discharge plume: Implications for plume parameterizations. Geophysical Research Letters, 2017, 44, 6886-6894.	4.0	63
16	Subglacial dischargeâ€driven renewal of tidewater glacier fjords. Journal of Geophysical Research: Oceans, 2017, 122, 6611-6629.	2.6	55
17	Seasonal control of Petermann Gletscher ice-shelf melt by the ocean's response to sea-ice cover in Nares Strait. Journal of Glaciology, 2017, 63, 324-330.	2.2	26
18	Monsoon Mixing Cycles in the Bay of Bengal: A Year-Long Subsurface Mixing Record. Oceanography, 2016, 29, 158-169.	1.0	28

#	Article	IF	Citations
19	Modification of Upper-Ocean Temperature Structure by Subsurface Mixing in the Presence of Strong Salinity Stratification. Oceanography, 2016, 29, 62-71.	1.0	48
20	Freshwater in the Bay of Bengal: Its Fate and Role in Air-Sea Heat Exchange. Oceanography, 2016, 29, 72-81.	1.0	87
21	Contrasts in the response of adjacent fjords and glaciers to ice-sheet surface melt in West Greenland. Annals of Glaciology, 2016, 57, 25-38.	1.4	46
22	The impact of glacier geometry on meltwater plume structure and submarine melt in Greenland fjords. Geophysical Research Letters, 2016, 43, 9739-9748.	4.0	97
23	Distributed subglacial discharge drives significant submarine melt at a Greenland tidewater glacier. Geophysical Research Letters, 2015, 42, 9328-9336.	4.0	140
24	Modeling Turbulent Subglacial Meltwater Plumes: Implications for Fjord-Scale Buoyancy-Driven Circulation. Journal of Physical Oceanography, 2015, 45, 2169-2185.	1.7	98
25	Turbulent Kinetic Energy Dissipation in Barrow Canyon. Journal of Physical Oceanography, 2012, 42, 1012-1021.	1.7	17