

Frank Nilsen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/304332/publications.pdf>

Version: 2024-02-01

12
papers

820
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

1282
citing authors

#	ARTICLE	IF	CITATIONS
1	Calving rates at tidewater glaciers vary strongly with ocean temperature. <i>Nature Communications</i> , 2015, 6, 8566.	12.8	214
2	Loss of sea ice during winter north of Svalbard. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 66, 23933.	1.7	203
3	A Simple Shelf Circulation Model: Intrusion of Atlantic Water on the West Spitsbergen Shelf. <i>Journal of Physical Oceanography</i> , 2016, 46, 1209-1230.	1.7	104
4	Warming of Atlantic Water in two west Spitsbergen fjords over the last century (1912â€“2009). <i>Polar Research</i> , 2013, 32, 11206.	1.6	99
5	The Kongsfjorden Transect: Seasonal and Inter-annual Variability in Hydrography. <i>Advances in Polar Ecology</i> , 2019, , 49-104.	1.3	51
6	Shelf/fjord exchange driven by coastalâ€trapped waves in the Arctic. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 8283-8303.	2.6	46
7	Cooling of the West Spitsbergen Current: Isopycnal diffusion by topographic vorticity waves. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	42
8	Creation and tidal advection of a cold salinity front in Storfjorden: 2. Supercooling induced by turbulent mixing of cold water. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 3737-3751.	2.6	14
9	Circulation and exchange in a broad Arctic fjord using glider-based observations. <i>Polar Research</i> , 2018, 37, 1485417.	1.6	14
10	Deep Flow Variability Offshore South-West Svalbard (Fram Strait). <i>Water (Switzerland)</i> , 2019, 11, 683.	2.7	10
11	Structure and Transport of Atlantic Water North of Svalbard From Observations in Summer and Fall 2018. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016174.	2.6	10
12	Windâ€Driven Variability in the Spitsbergen Polar Current and the Svalbard Branch Across the Yermak Plateau. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016734.	2.6	8