

Randi B Ingvaldsen

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,964
citations

430874

18
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

1933
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of sea ice during winter north of Svalbard. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 66, 23933.	1.7	203
2	Benthic transition zones in the Atlantic gateway to a changing Arctic ocean. <i>Progress in Oceanography</i> , 2022, 204, 102792.	3.2	4
3	Ocean acidification state variability of the Atlantic Arctic Ocean around northern Svalbard. <i>Progress in Oceanography</i> , 2021, 199, 102708.	3.2	8
4	Physical manifestations and ecological implications of Arctic Atlantification. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 874-889.	29.7	86
5	Productive detours – Atlantic water inflow and acoustic backscatter in the major troughs along the Svalbard shelf. <i>Progress in Oceanography</i> , 2020, 188, 102447.	3.2	12
6	Acoustic scattering layers reveal a faunal connection across the Fram Strait. <i>Progress in Oceanography</i> , 2020, 185, 102348.	3.2	13
7	Weakening of Cold Halocline Layer Exposes Sea Ice to Oceanic Heat in the Eastern Arctic Ocean. <i>Journal of Climate</i> , 2020, 33, 8107-8123.	3.2	82
8	The Pan-Arctic Continental Slope: Sharp Gradients of Physical Processes Affect Pelagic and Benthic Ecosystems. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	37
9	Atlantic Water Pathways Along the North-Western Svalbard Shelf Mapped Using Vessel-Mounted Current Profilers. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 1699-1716.	2.6	22
10	Structure, Transport, and Seasonality of the Atlantic Water Boundary Current North of Svalbard: Results From a Yearlong Mooring Array. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 1679-1698.	2.6	33
11	Wind-Driven Cross-Shelf Exchange – West Spitsbergen Current as a Source of Heat and Salt for the Adjacent Shelf in Arctic Winters. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 2668-2696.	2.6	20
12	Variability and Redistribution of Heat in the Atlantic Water Boundary Current North of Svalbard. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 6373-6391.	2.6	78
13	Future harvest of living resources in the Arctic Ocean north of the Nordic and Barents Seas: A review of possibilities and constraints. <i>Fisheries Research</i> , 2017, 188, 38-57.	1.7	130
14	The Atlantic Water boundary current north of Svalbard in late summer. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 2269-2290.	2.6	52
15	High Latitude Epipelagic and Mesopelagic Scattering Layers – A Reference for Future Arctic Ecosystem Change. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	51
16	The Atlantic Water boundary current in the Barents Sea: Transport and mechanisms of lateral exchange. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 6946-6960.	2.6	57
17	Skillful prediction of Barents Sea ice cover. <i>Geophysical Research Letters</i> , 2015, 42, 5364-5371.	4.0	125
18	THE ROLE OF THE BARENTS SEA IN THE ARCTIC CLIMATE SYSTEM. <i>Reviews of Geophysics</i> , 2013, 51, 415-449.	23.0	362

#	ARTICLE	IF	CITATIONS
19	The Arctic Ocean in summer: A quasi-synoptic inverse estimate of boundary fluxes and water mass transformation. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	84
20	Variability and impacts of Atlantic Water entering the Barents Sea from the north. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 62, 70-88.	1.4	111
21	Volume and Heat Transports to the Arctic Ocean Via the Norwegian and Barents Seas. , 2008, , 45-64.		131
22	The flow of Atlantic water to the Nordic Seas and Arctic Ocean. , 2007, , 123-146.		15
23	Velocity field of the western entrance to the Barents Sea. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	84
24	The seasonal cycle in the Atlantic transport to the Barents Sea during the years 1997-2001. <i>Continental Shelf Research</i> , 2004, 24, 1015-1032.	1.8	164