

Emil Jeansson

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,886
citations

361413

20
h-index

361022

35
g-index

51
all docs

51
docs citations

51
times ranked

2601
citing authors

#	ARTICLE	IF	CITATIONS
1	The Global Ocean Data Analysis Project version 2 (GLODAPv2) – an internally consistent data product for the world ocean. <i>Earth System Science Data</i> , 2016, 8, 297-323.	9.9	424
2	A new global interior ocean mapped climatology: the 1°–1° GLODAP version 2. <i>Earth System Science Data</i> , 2016, 8, 325-340.	9.9	284
3	Ventilation of the Arctic Ocean: Mean ages and inventories of anthropogenic CO ₂ and CFC-11. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	102
4	GLODAPv2.2019 – an update of GLODAPv2. <i>Earth System Science Data</i> , 2019, 11, 1437-1461.	9.9	102
5	An updated version of the global interior ocean biogeochemical data product, GLODAPv2.2020. <i>Earth System Science Data</i> , 2020, 12, 3653-3678.	9.9	76
6	Sources to the East Greenland Current and its contribution to the Denmark Strait Overflow. <i>Progress in Oceanography</i> , 2008, 78, 12-28.	3.2	66
7	The Global Ocean Ship-Based Hydrographic Investigations Program (GO-SHIP): A Platform for Integrated Multidisciplinary Ocean Science. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	60
8	Formation of Denmark Strait overflow water and its hydro-chemical composition. <i>Journal of Marine Systems</i> , 2005, 57, 264-288.	2.1	59
9	Long-term trends in carbon, nutrients and stoichiometry in Norwegian coastal waters: Evidence of a regime shift. <i>Progress in Oceanography</i> , 2013, 111, 113-124.	3.2	59
10	An updated version of the global interior ocean biogeochemical data product, GLODAPv2.2021. <i>Earth System Science Data</i> , 2021, 13, 5565-5589.	9.9	54
11	The Nordic Seas carbon budget: Sources, sinks, and uncertainties. <i>Global Biogeochemical Cycles</i> , 2011, 25, n/a-n/a.	4.9	46
12	Calcium carbonate dissolution patterns in the ocean. <i>Nature Geoscience</i> , 2021, 14, 423-428.	12.9	46
13	Nordic Seas Heat Loss, Atlantic Inflow, and Arctic Sea Ice Cover Over the Last Century. <i>Reviews of Geophysics</i> , 2022, 60, .	23.0	43
14	Constraining Projection-Based Estimates of the Future North Atlantic Carbon Uptake. <i>Journal of Climate</i> , 2018, 31, 3959-3978.	3.2	34
15	Transports of Nordic Seas water masses and excess SF ₆ through Fram Strait to the Arctic Ocean. <i>Progress in Oceanography</i> , 2008, 78, 1-11.	3.2	32
16	The Greenland Sea tracer experiment 1996–2002: Horizontal mixing and transport of Greenland Sea Intermediate Water. <i>Progress in Oceanography</i> , 2008, 78, 85-105.	3.2	32
17	The East Greenland Current studied with CFCs and released sulphur hexafluoride. <i>Journal of Marine Systems</i> , 2005, 55, 77-95.	2.1	31
18	A global monthly climatology of total alkalinity: a neural network approach. <i>Earth System Science Data</i> , 2019, 11, 1109-1127.	9.9	31

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19	Arctic Intermediate Water in the Nordic Seas, 1991–2009. Deep-Sea Research Part I: Oceanographic Research Papers, 2017, 128, 82-97.	1.4	29
20	Continued warming, salinification and oxygenation of the Greenland Sea gyre. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 70, 1476434.	1.7	29
21	Nordic seas transit time distributions and anthropogenic CO ₂ . Journal of Geophysical Research, 2010, 115, .	3.3	27
22	Acidification of the Nordic Seas. Biogeosciences, 2022, 19, 979-1012.	3.3	21
23	Intermediate water from the Greenland Sea in the Faroe Bank Channel: spreading of released sulphur hexafluoride. Deep-Sea Research Part I: Oceanographic Research Papers, 2005, 52, 279-294.	1.4	18
24	Evaluation of anthropogenic carbon in the Nordic Seas using observed relationships of N, P and C versus CFCs. Progress in Oceanography, 2008, 78, 78-84.	3.2	18
25	Links between surface productivity and deep ocean particle flux at the Porcupine Abyssal Plain sustained observatory. Biogeosciences, 2015, 12, 5885-5897.	3.3	16
26	Inorganic carbon and water masses in the Irminger Sea since 1991. Biogeosciences, 2018, 15, 51-72.	3.3	14
27	Tracer Evidence of the Origin and Variability of Denmark Strait Overflow Water. , 2008, , 475-503.		14
28	A Model-Based Evaluation of the Inverse Gaussian Transit-Time Distribution Method for Inferring Anthropogenic Carbon Storage in the Ocean. Journal of Geophysical Research: Oceans, 2018, 123, 1777-1800.	2.6	13
29	Constraining the Oceanic Uptake and Fluxes of Greenhouse Gases by Building an Ocean Network of Certified Stations: The Ocean Component of the Integrated Carbon Observation System, ICOS-Oceans. Frontiers in Marine Science, 2019, 6, .	2.5	13
30	Detection and quantification of CO ₂ seepage in seawater using the stoichiometric Cseep method: Results from a recent subsea CO ₂ release experiment in the North Sea. International Journal of Greenhouse Gas Control, 2021, 108, 103310.	4.6	13
31	A submesoscale coherent eddy in the Greenland Sea in 2003. Journal of Geophysical Research, 2006, 111, .	3.3	12
32	A vision for FAIR ocean data products. Communications Earth & Environment, 2021, 2, .	6.8	11
33	Trends in anthropogenic carbon in the Arctic Ocean. Progress in Oceanography, 2019, 178, 102177.	3.2	10
34	Fluxes of carbon and nutrients to the Iceland Sea surface layer and inferred primary productivity and stoichiometry. Biogeosciences, 2015, 12, 875-885.	3.3	9
35	Anthropogenic carbon in the East Greenland Current. Progress in Oceanography, 2008, 78, 29-36.	3.2	6
36	Evidence of Greenland Sea water in the Iceland Basin. Geophysical Research Letters, 2009, 36, .	4.0	2