

Reiner Steinfeldt

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,612
citations

516710

16
h-index

580821

25
g-index

39
all docs

39
docs citations

39
times ranked

2671
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°N–1°S GLODAP version 2. <i>Earth System Science Data</i> , 2016, 8, 325-340.	9.9	284
3	The ocean carbon sink – impacts, vulnerabilities and challenges. <i>Earth System Dynamics</i> , 2015, 6, 327-358.	7.1	109
4	GLODAPv2.2019 – an update of GLODAPv2. <i>Earth System Science Data</i> , 2019, 11, 1437-1461.	9.9	102
5	Advection of North Atlantic Deep Water from the Labrador Sea to the southern hemisphere. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 2471-2487.	2.6	76
6	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
7	Inventory changes in anthropogenic carbon from 1997–2003 in the Atlantic Ocean between 20°S and 65°N. <i>Global Biogeochemical Cycles</i> , 2009, 23, .	4.9	69
8	Circulation and transports in the Newfoundland Basin, western subpolar North Atlantic. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 7772-7793.	2.6	62
9	Changes in ventilation of the Mediterranean Sea during the past 25 year. <i>Ocean Science</i> , 2014, 10, 1-16.	3.4	57
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	Decadal acidification in the water masses of the Atlantic Ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9950-9955.	7.1	46
12	Ventilation variability of Labrador Sea Water and its impact on oxygen and anthropogenic carbon: a review. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160321.	3.4	41
13	NADW transformation at the western boundary between and. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2007, 54, 835-855.	1.4	18
14	Ventilation of the Upper Labrador Sea Water, 2003–2005. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	18
15	Coastal upwelling off Peru and Mauritania inferred from helium isotope disequilibrium. <i>Biogeosciences</i> , 2015, 12, 7519-7533.	3.3	18
16	Interannual to decadal oxygen variability in the mid-depth water masses of the eastern North Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 95, 85-98.	1.4	18
17	Greenland Submarine Melt Water Observed in the Labrador and Irminger Sea. <i>Geophysical Research Letters</i> , 2018, 45, 10,570.	4.0	15
18	Ventilation versus biology: What is the controlling mechanism of nitrous oxide distribution in the North Atlantic?. <i>Global Biogeochemical Cycles</i> , 2017, 31, 745-760.	4.9	12

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19	Evolution of $\delta^{231}\text{Pa}$ and $\delta^{230}\text{Th}$ in overflow waters of the North Atlantic. <i>Biogeosciences</i> , 2018, 15, 7299-7313.	3.3	12
20	Heat and Freshwater Transport by Mesoscale Eddies in the Southern Subpolar North Atlantic. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 5565-5585.	2.6	12
21	Atlantic CFC data in CARINA. <i>Earth System Science Data</i> , 2010, 2, 1-15.	9.9	12
22	Mechanisms and Early Detections of Multidecadal Oxygen Changes in the Interior Subpolar North Atlantic. <i>Geophysical Research Letters</i> , 2018, 45, 4218-4229.	4.0	11
23	A vision for FAIR ocean data products. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	11
24	Variability of Labrador Sea Water transported through Flemish Pass during 1993–2013. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 5514-5533.	2.6	10
25	The North Atlantic Current and its Volume and Freshwater Transports in the Subpolar North Atlantic, Time Period 1993–2016. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016065.	2.6	7
26	Transit Time Distributions and ventilation pathways using CFCs and Lagrangian backtracking in the South Atlantic of an eddying ocean model. <i>Journal of Physical Oceanography</i> , 2022, , .	1.7	0