

Oliver Huhn

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8917301/publications.pdf>

Version: 2024-02-01

22
papers

767
citations

471509

17
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1162
citing authors

#	ARTICLE	IF	CITATIONS
1	The Weddell Gyre, Southern Ocean: Present Knowledge and Future Challenges. <i>Reviews of Geophysics</i> , 2019, 57, 623-708.	23.0	105
2	Evidence of deep- and bottom-water formation in the western Weddell Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008, 55, 1098-1116.	1.4	77
3	On the freshening of the northwestern Weddell Sea continental shelf. <i>Ocean Science</i> , 2011, 7, 305-316.	3.4	62
4	The effects of continental margins and water mass circulation on the distribution of dissolved aluminum and manganese in Drake Passage. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	50
5	Direct observation of increasing CO ₂ in the Weddell Gyre along the Prime Meridian during 1973â€“2008. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 2613-2635.	1.4	48
6	Decline of deep and bottom water ventilation and slowing down of anthropogenic carbon storage in the Weddell Sea, 1984â€“2011. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 76, 66-84.	1.4	45
7	Water masses in the Bransfield Strait and adjacent seas, austral summer 2013. <i>Polar Biology</i> , 2016, 39, 789-798.	1.2	45
8	Distribution of iodide and iodate in the Atlantic sector of the southern ocean during austral summer. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 2733-2748.	1.4	40
9	On the warm inflow at the eastern boundary of the Weddell Gyre. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 107, 70-81.	1.4	40
10	Two repeat crossings of Drake Passage in austral summer 2006: Short-term variations and evidence for considerable ventilation of intermediate and deep waters. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 2555-2571.	1.4	30
11	Validity limits of carbon tetrachloride as an ocean tracer. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2001, 48, 2025-2049.	1.4	27
12	Precursors of Antarctic Bottom Water formed on the continental shelf off Larsen Ice Shelf. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 99, 1-9.	1.4	25
13	Short-term variations of deep water masses in Drake Passage revealed by a multiparametric analysis of the ANT-XXIII/3 bottle data. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 2592-2612.	1.4	23
14	Environmental information for a marine ecosystem research approach for the northern Antarctic Peninsula (RV Polarstern expedition PS81, ANT-XXIX/3). <i>Polar Biology</i> , 2016, 39, 765-787.	1.2	23
15	FRIS Revisited in 2018: On the Circulation and Water Masses at the Filchner and Ronne Ice Shelves in the Southern Weddell Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017269.	2.6	23
16	Meridional circulation across the Antarctic Circumpolar Current serves as a double 231Pa and 230Th trap. <i>Earth and Planetary Science Letters</i> , 2016, 455, 73-84.	4.4	18
17	Ocean/ice shelf interaction in the southern Weddell Sea: results of a regional numerical helium/neon simulation. <i>Ocean Dynamics</i> , 2007, 57, 1-11.	2.2	17
18	Greenland Submarine Melt Water Observed in the Labrador and Irminger Sea. <i>Geophysical Research Letters</i> , 2018, 45, 10,570.	4.0	15

#	ARTICLE	IF	CITATIONS
19	Basal Melt and Freezing Rates From First Noble Gas Samples Beneath an Ice Shelf. <i>Geophysical Research Letters</i> , 2018, 45, 8455-8461.	4.0	15
20	Age spectra in North Atlantic Deep Water along the South American continental slope, 10°N–30°S, based on tracer observations. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2008, 55, 1252-1276.	1.4	13
21	Meteorology and oceanography of the Atlantic sector of the Southern Ocean—a review of German achievements from the last decade. <i>Ocean Dynamics</i> , 2016, 66, 1379-1413.	2.2	12
22	Submarine Meltwater From Nioghalvfjærdsbrælen (79 North Glacier), Northeast Greenland. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017224.	2.6	12