

Claudia Schmid

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8201823/publications.pdf>

Version: 2024-02-01

39
papers

2,482
citations

279798

23
h-index

302126

39
g-index

44
all docs

44
docs citations

44
times ranked

3875
citing authors

#	ARTICLE	IF	CITATIONS
1	The Argo Program: Observing the Global Oceans with Profiling Floats. <i>Oceanography</i> , 2009, 22, 34-43.	1.0	451
2	On the Future of Argo: A Global, Full-Depth, Multi-Disciplinary Array. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	235
3	The Cape Cauldron: a regime of turbulent inter-ocean exchange. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 57-86.	1.4	181
4	State of the Climate in 2017. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, Si-S310.	3.3	160
5	State of the Climate in 2010. <i>Bulletin of the American Meteorological Society</i> , 2011, 92, S1-S236.	3.3	135
6	State of the Climate in 2016. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, Si-S280.	3.3	132
7	State of the Climate in 2012. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, S1-S258.	3.3	129
8	The intermediate depth circulation of the western South Atlantic. <i>Geophysical Research Letters</i> , 1999, 26, 3329-3332.	4.0	118
9	The Vitória Eddy and Its Relation to the Brazil Current. <i>Journal of Physical Oceanography</i> , 1995, 25, 2532-2546.	1.7	101
10	The Tropical Atlantic Observing System. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	80
11	Changes in the Ventilation of the Oxygen Minimum Zone of the Tropical North Atlantic. <i>Journal of Physical Oceanography</i> , 2010, 40, 1784-1801.	1.7	71
12	Dynamics of Intermediate Water Circulation in the Subtropical South Atlantic*. <i>Journal of Physical Oceanography</i> , 2000, 30, 3191-3211.	1.7	66
13	Flow and recirculation of Antarctic Intermediate Water across the Rio Grande Rise. <i>Journal of Geophysical Research</i> , 1997, 102, 20967-20986.	3.3	57
14	The Real-Time Data Management System for Argo Profiling Float Observations. <i>Journal of Atmospheric and Oceanic Technology</i> , 2007, 24, 1608-1628.	1.3	44
15	The fate of the Deep Western Boundary Current in the South Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 103, 125-136.	1.4	41
16	Early evolution of an Agulhas Ring. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 141-166.	1.4	40
17	Sustainable Observations of the AMOC: Methodology and Technology. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000654.	23.0	39
18	Kinematic elements of Antarctic Intermediate Water in the western South Atlantic. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1999, 46, 355-392.	1.4	35

#	ARTICLE	IF	CITATIONS
19	Seasonal Cycle of the Mixed Layer Heat Budget in the Northeastern Tropical Atlantic Ocean. <i>Journal of Climate</i> , 2013, 26, 8169-8188.	3.2	31
20	Mean vertical and horizontal structure of the subtropical circulation in the South Atlantic from three-dimensional observed velocity fields. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 91, 50-71.	1.4	28
21	An observations and model-based analysis of meridional transports in the South Atlantic. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 5622-5638.	2.6	27
22	Transport variability of the Brazil Current from observations and a data assimilation model. <i>Ocean Science</i> , 2018, 14, 417-436.	3.4	26
23	Float experiment studies interocean exchanges at the tip of Africa. <i>Eos</i> , 1998, 79, 1-1.	0.1	24
24	New observations of the spreading and variability of the Antarctic Intermediate Water in the Atlantic. <i>Journal of Marine Research</i> , 2009, 67, 815-843.	0.3	23
25	Transport of Surface Freshwater from the Equatorial to the Subtropical North Atlantic Ocean. <i>Journal of Physical Oceanography</i> , 2015, 45, 1086-1102.	1.7	23
26	An Enhanced PIRATA Dataset for Tropical Atlantic Ocean – Atmosphere Research. <i>Journal of Climate</i> , 2018, 31, 1499-1524.	3.2	23
27	New observations of the intermediate depth circulation in the tropical Atlantic. <i>Journal of Marine Research</i> , 2001, 59, 281-312.	0.3	21
28	Mean meridional currents in the central and eastern equatorial Atlantic. <i>Climate Dynamics</i> , 2014, 43, 2943-2962.	3.8	19
29	Shallow and Deep Eastern Boundary Currents in the South Atlantic at 34.5°S: Mean Structure and Variability. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 1634-1659.	2.6	17
30	Intermediate water in the Brazil-Malvinas Confluence Zone: A Lagrangian view. <i>Journal of Geophysical Research</i> , 1999, 104, 21063-21082.	3.3	16
31	Pathways and variability at intermediate depths in the tropical Atlantic. <i>Elsevier Oceanography Series</i> , 2003, 68, 233-268.	0.1	13
32	Propagating Modes of Variability and Their Impact on the Western Boundary Current in the South Atlantic. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 3168-3185.	2.6	13
33	Impact of the equatorial deep jets on estimates of zonal transports in the Atlantic. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2005, 52, 409-428.	1.4	12
34	Global Oceans. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, S129-S184.	3.3	12
35	Global Oceans. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, S143-S198.	3.3	11
36	Direct Measurements of Upper Ocean Horizontal Velocity and Vertical Shear in the Tropical North Atlantic at 4°N, 23°W. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 4133-4151.	2.6	10

#	ARTICLE	IF	CITATIONS
37	Effects of eddies on an ocean observing system with profiling floats: Idealized simulations of the Argo array. Journal of Geophysical Research, 2011, 116, .	3.3	7
38	A study of the variability in the Benguela Current volume transport. Ocean Science, 2018, 14, 273-283.	3.4	6
39	Impact of Combining Temperature Profiles from Different Instruments on an Analysis of Mixed Layer Properties. Journal of Atmospheric and Oceanic Technology, 2005, 22, 1571-1587.	1.3	4