

Sabine Mecking

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

997
citations

687220

13
h-index

839398

18
g-index

18
all docs

18
docs citations

18
times ranked

1626
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct observations of basin-wide acidification of the North Pacific Ocean. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	209
2	Changes in Ocean Heat, Carbon Content, and Ventilation: A Review of the First Decade of GO-SHIP Global Repeat Hydrography. <i>Annual Review of Marine Science</i> , 2016, 8, 185-215.	5.1	183
3	Temporal Trends in Apparent Oxygen Utilization in the Upper Pycnocline of the North Pacific: 1980–2000. <i>Journal of Oceanography</i> , 2004, 60, 139-147.	0.7	129
4	Recent Bottom Water Warming in the Pacific Ocean*. <i>Journal of Climate</i> , 2007, 20, 5365-5375.	1.2	84
5	Decadal changes in Pacific carbon. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	76
6	Climate variability in the North Pacific thermocline diagnosed from oxygen measurements: An update based on the U.S. CLIVAR/CO ₂ Repeat Hydrography cruises. <i>Global Biogeochemical Cycles</i> , 2008, 22, .	1.9	60
7	Two decades of Pacific anthropogenic carbon storage and ocean acidification along Global Ocean Ship-based Hydrographic Investigations Program sections P16 and P02. <i>Global Biogeochemical Cycles</i> , 2017, 31, 306-327.	1.9	42
8	Pacific Anthropogenic Carbon Between 1991 and 2017. <i>Global Biogeochemical Cycles</i> , 2019, 33, 597-617.	1.9	35
9	Unabated Bottom Water Warming and Freshening in the South Pacific Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 1778-1794.	1.0	34
10	Transit time distributions and oxygen utilization rates from chlorofluorocarbons and sulfur hexafluoride in the Southeast Pacific Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 3761-3776.	1.0	33
11	Properties of the Subantarctic Front and Polar Front from the skewness of sea level anomaly. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 5179-5193.	1.0	32
12	Mixed layer saturations of CFC-11, CFC-12, and SF ₆ in a global isopycnal model. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 4978-4988.	1.0	25
13	Profiling float-based observations of net respiration beneath the mixed layer. <i>Global Biogeochemical Cycles</i> , 2016, 30, 920-932.	1.9	25
14	On the formation, ventilation, and erosion of mode waters in the North Atlantic and Southern Oceans. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	11
15	Evaluating the use of 1-D transit time distributions to infer the mean state and variability of oceanic ventilation. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 6650-6670.	1.0	9
16	Circulation rate changes in the eastern subtropical North Pacific based on chlorofluorocarbon ages. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	6
17	Abyssal Heat Budget in the Southwest Pacific Basin. <i>Journal of Physical Oceanography</i> , 2021, , .	0.7	3
18	Variability in the meridional overturning circulation at 32°S in the Pacific Ocean diagnosed by inverse box models. <i>Progress in Oceanography</i> , 2022, 203, 102780.	1.5	1