

Klaus Wyrтки

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

3,199
citations

331670

21
h-index

330143

37
g-index

38
all docs

38
docs citations

38
times ranked

1745
citing authors

#	ARTICLE	IF	CITATIONS
1	El Niño "The Dynamic Response of the Equatorial Pacific Ocean to Atmospheric Forcing. Journal of Physical Oceanography, 1975, 5, 572-584.	1.7	876
2	Water displacements in the Pacific and the genesis of El Niño cycles. Journal of Geophysical Research, 1985, 90, 7129-7132.	3.3	382
3	Eddy energy in the oceans. Journal of Geophysical Research, 1976, 81, 2641-2646.	3.3	264
4	Fluctuations of the Dynamic Topography in the Pacific Ocean. Journal of Physical Oceanography, 1975, 5, 450-459.	1.7	204
5	The oxygen minima in relation to ocean circulation. Deep Sea Research and Oceanographic Abstracts, 1962, 9, 11-23.	0.3	169
6	The Trade Wind Field Over the Pacific Ocean. Journal of Applied Meteorology, 1976, 15, 698-704.	1.1	123
7	Equatorial Currents in the Pacific 1950 to 1970 and Their Relations to the Trade Winds. Journal of Physical Oceanography, 1974, 4, 372-380.	1.7	118
8	Sea Level and the Seasonal Fluctuations of the Equatorial Currents in the Western Pacific Ocean. Journal of Physical Oceanography, 1974, 4, 91-103.	1.7	116
9	The Response of Sea Surface Topography to the 1976 El Niño. Journal of Physical Oceanography, 1979, 9, 1223-1231.	1.7	101
10	The average annual heat balance of the North Pacific Ocean and its relation to ocean circulation. Journal of Geophysical Research, 1965, 70, 4547-4559.	3.3	84
11	Sea Level During the 1972 El Niño. Journal of Physical Oceanography, 1977, 7, 779-787.	1.7	83
12	The thermohaline circulation in relation to the general circulation in the oceans. Deep-sea Research, 1961, 8, 39-64.	0.4	81
13	Equatorial sea level response during the 1982-1983 El Niño. Journal of Geophysical Research, 1984, 89, 10425-10430.	3.3	79
14	Advection in the Peru Current as observed by satellite. Journal of Geophysical Research, 1977, 82, 3939-3943.	3.3	61
15	Transports of the Pacific Equatorial Countercurrent. Journal of Geophysical Research, 1967, 72, 2073-2076.	3.3	59
16	The slope of sea level along the equator during the 1982/1983 El Niño. Journal of Geophysical Research, 1984, 89, 10419-10424.	3.3	57
17	Sea level fluctuations in the Pacific during the 1982-83 El Niño. Geophysical Research Letters, 1985, 12, 125-128.	4.0	55
18	THE ANNUAL AND SEMI-ANNUAL VARIATION OF SEA SURFACE TEMPERATURE IN THE NORTH PACIFIC OCEAN. Limnology and Oceanography, 1965, 10, 307-313.	3.1	49

#	ARTICLE	IF	CITATIONS
19	Sea level variations: Monitoring the breath of the Pacific. <i>Eos</i> , 1979, 60, 25-27.	0.1	43
20	Equatorial Upwelling Events in the Central Pacific. <i>Journal of Physical Oceanography</i> , 1982, 12, 984-988.	1.7	37
21	Lateral Oscillations of the Pacific Equatorial Countercurrent. <i>Journal of Physical Oceanography</i> , 1978, 8, 530-532.	1.7	25
22	Schwankungen im Wasserhaushalt der Ostsee. <i>Ocean Dynamics</i> , 1954, 7, 91-129.	0.2	19
23	Possible gyre-gyre interaction in the Pacific Ocean. <i>Nature</i> , 1984, 309, 538-540.	27.8	18
24	Monitoring the strength of equatorial currents from XBT sections and sea level. <i>Journal of Geophysical Research</i> , 1978, 83, 1935-1940.	3.3	15
25	The 20°C isotherm depth and sea level in the western equatorial pacific. <i>Journal of the Oceanographical Society of Japan</i> , 1981, 37, 198-200.	0.3	14
26	The spectrum of ocean turbulence over distances between 40 and 1000 kilometers. <i>Ocean Dynamics</i> , 1967, 20, 176-186.	0.2	12
27	Der Einfluß des Windes auf den mittleren Wasserstand der Nordsee und ihren Wasserhaushalt. <i>Ocean Dynamics</i> , 1952, 5, 245-252.	0.2	8
28	Der Einfluß des Windes auf die Wasserbewegungen durch die Straße von Dover. <i>Ocean Dynamics</i> , 1952, 5, 21-27.	0.2	8
29	Comparing GEOSAT altimetry and sea level. <i>Eos</i> , 1987, 68, 731.	0.1	8
30	Overview of Pacific sea level variability. <i>Marine Geodesy</i> , 1988, 12, 235-245.	2.0	7
31	An attempt to monitor the equatorial undercurrent. <i>Journal of Geophysical Research</i> , 1983, 88, 775-777.	3.3	5
32	Review on ocean-atmosphere interactions. <i>Reviews of Geophysics</i> , 1975, 13, 601-603.	23.0	4
33	Comments on the variability of the tropical ocean. <i>Dynamics of Atmospheres and Oceans</i> , 1979, 3, 209-212.	1.8	4
34	Sea level data by satellite. <i>Eos</i> , 1985, 66, 578.	0.1	4
35	On the Redistribution of Heat in the North Pacific Ocean. <i>Journal of the Oceanographical Society of Japan</i> , 1968, 24, 220-233.	0.3	4