

Gary Meyers

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

3,651
citations

24
h-index

32
g-index

32
ext. papers

3,953
ext. citations

5.4
avg, IF

5.14
L-index

#	Paper	IF	Citations
32	The Tropical Ocean-Global Atmosphere observing system: A decade of progress. <i>Journal of Geophysical Research</i> , 1998 , 103, 14169-14240		745
31	The Years of El Niño, La Niña, and Interactions with the Tropical Indian Ocean. <i>Journal of Climate</i> , 2007 , 20, 2872-2880	4.4	395
30	Variation of Indonesian throughflow and the El Niño-Southern Oscillation. <i>Journal of Geophysical Research</i> , 1996 , 101, 12255-12263		342
29	An Intersection of Oceanic Waveguides: Variability in the Indonesian Throughflow Region. <i>Journal of Physical Oceanography</i> , 2004 , 34, 1232-1253	2.4	221
28	Observed temperature trends in the Indian Ocean over 1960–1999 and associated mechanisms. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	217
27	The Western Equatorial Pacific Ocean Circulation Study. <i>Nature</i> , 1987 , 330, 533-537	50.4	212
26	Forced Rossby waves in the southern tropical Indian Ocean. <i>Journal of Geophysical Research</i> , 1998 , 103, 27589-27602		195
25	On the Annual Rossby Wave in the Tropical North Pacific Ocean. <i>Journal of Physical Oceanography</i> , 1979 , 9, 663-674	2.4	154
24	Interannual variability in the tropical Indian Ocean: a two-year time-scale of Indian Ocean Dipole. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003 , 50, 2263-2284	2.3	137
23	Sea Surface Temperature and its Variability in the Indonesian Region. <i>Oceanography</i> , 2005 , 18, 50-61	2.3	111
22	Seasonal heat budget in the mixed layer of the southeastern tropical Indian Ocean in a high-resolution ocean general circulation model. <i>Journal of Geophysical Research</i> , 2005 , 110,		91
21	Multidecadal variations of Fremantle sea level: Footprint of climate variability in the tropical Pacific. <i>Geophysical Research Letters</i> , 2004 , 31,	4.9	91
20	A 20-Yr Average of the Indonesian Throughflow: Regional Currents and the Interbasin Exchange. <i>Journal of Physical Oceanography</i> , 2008 , 38, 1965-1978	2.4	82
19	Characteristics and variability of synoptic features associated with cool season rainfall in southeastern Australia. <i>International Journal of Climatology</i> , 2009 , 29, 1595-1613	3.5	72
18	Transmission of ENSO signal to the Indian Ocean. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	67
17	Space and time scales for optimal interpolation of temperature in Tropical Pacific Ocean. <i>Progress in Oceanography</i> , 1991 , 28, 189-218	3.8	66
16	Indian Ocean Dipolelike Variability in the CSIRO Mark 3 Coupled Climate Model. <i>Journal of Climate</i> , 2005 , 18, 1449-1468	4.4	62

15	Interannual upper ocean variability in the tropical Indian Ocean. <i>Geophysical Research Letters</i> , 2001 , 28, 4151-4154	4.9	56
14	Seasonal variation of barrier layer in the southeastern tropical Indian Ocean. <i>Journal of Geophysical Research</i> , 2005 , 110,		53
13	Seasonal Characteristics of Circulation in the Southeastern Tropical Indian Ocean*. <i>Journal of Physical Oceanography</i> , 2005 , 35, 255-267	2.4	49
12	Seasonal and interannual variations of upper ocean heat balance off the west coast of Australia. <i>Journal of Geophysical Research</i> , 2008 , 113,		48
11	Interannual Variability of Sea Surface Temperature off Java and Sumatra in a Global GCM*. <i>Journal of Climate</i> , 2008 , 21, 2451-2465	4.4	42
10	Pacific Ocean Contribution to the Asymmetry in Eastern Indian Ocean Variability. <i>Journal of Climate</i> , 2013 , 26, 1152-1171	4.4	32
9	Observations of geostrophic transport variability in the western tropical Indian Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1995 , 42, 1007-1028	2.5	28
8	Change in the Indonesian Throughflow with the climatic shift of 1976/77. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	24
7	Upper ocean dynamics and its role in maintaining the annual mean western Pacific warm pool in a global GCM. <i>International Journal of Climatology</i> , 1997 , 17, 711-724	3.5	20
6	Buffering Effect and Its Related Ocean Dynamics in the Indonesian Throughflow Region*. <i>Journal of Physical Oceanography</i> , 2008 , 38, 503-516	2.4	11
5	Slow westward movement of salinity anomalies across the tropical South Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2015 , 120, 5436-5456	3.3	10
4	Interannual variability in the Indian Ocean using altimeter and IX1-expendable bathy-thermograph (XBT) data: Does the 18-month signal exist?. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	10
3	Evaluating SODA for Indo-Pacific Ocean decadal climate variability studies. <i>Journal of Geophysical Research: Oceans</i> , 2014 , 119, 7854-7868	3.3	7
2	Subsurface temperature and its relation to dynamic height at 130°E across the North Equatorial Current. <i>Chinese Journal of Oceanology and Limnology</i> , 1993 , 11, 143-148		1
1	A method to estimate dynamic height and geostrophic transport relative to deeper levels from 400m expendable bathythermograph in the Indonesian throughflow. <i>Chinese Journal of Oceanology and Limnology</i> , 1995 , 13, 97-109		