

Michael J Mcphaden

List of Publications by Year in descending order

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315
papers

33,222
citations

5126

86
h-index

5739

167
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348
all docs

348
docs citations

348
times ranked

18206
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of radiative heating errors in Tropical Atmosphere Ocean array marine air temperature measurements. <i>Environmental Research Letters</i> , 2022, 17, 014040.	2.2	1
2	Zonal Structure of Tropical Pacific Surface Salinity Anomalies Affects ENSO Intensity and Asymmetry. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	5
3	Future Southern Ocean warming linked to projected ENSO variability. <i>Nature Climate Change</i> , 2022, 12, 649-654.	8.1	23
4	Diurnal variability of atmospheric cold pool events and associated air-sea interactions in the Bay of Bengal during the summer monsoon. <i>Climate Dynamics</i> , 2021, 56, 837-853.	1.7	4
5	Evaluating Climate Models with the CLIVAR 2020 ENSO Metrics Package. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E193-E217.	1.7	93
6	Biweekly Mixed Rossby-Gravity Waves in the Equatorial Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016840.	1.0	3
7	Interannual Variability in Sea Surface Height at Southern Midlatitudes of the Indian Ocean. <i>Journal of Physical Oceanography</i> , 2021, 51, 1595-1609.	0.7	19
8	A Theory of the Spring Persistence Barrier on ENSO. Part III: The Role of Tropical Pacific Ocean Heat Content. <i>Journal of Climate</i> , 2021, 34, 8567-8577.	1.2	4
9	Changing El Niño-Southern Oscillation in a warming climate. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 628-644.	12.2	197
10	Diverse impacts of Indian Ocean Dipole on El Niño-Southern Oscillation. <i>Journal of Climate</i> , 2021, , 1-46.	1.2	0
11	Niño 4 West (Niño4W) Sea Surface Temperature Variability. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017591.	1.0	6
12	Atmospheric Cold Pools and Their Influence on Sea Surface Temperature in the Bay of Bengal. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017297.	1.0	3
13	Predicting Interannual Variability in Sea Surface Height Along the West Coast of Australia Using a Simple Ocean Model. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094592.	1.5	2
14	Decadal climate variability in the tropical Pacific: Characteristics, causes, predictability, and prospects. <i>Science</i> , 2021, 374, eaay9165.	6.0	92
15	Robust Evaluation of ENSO in Climate Models: How Many Ensemble Members Are Needed?. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095041.	1.5	21
16	Role of the eastern boundary-generated waves on the termination of 1997 Indian Ocean Dipole event. <i>Geoscience Letters</i> , 2021, 8, .	1.3	1
17	El Niño-Southern Oscillation Evolution Modulated by Atlantic Forcing. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016318.	1.0	27
18	Butterfly effect and a self-modulating El Niño response to global warming. <i>Nature</i> , 2020, 585, 68-73.	13.7	63

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19	On the interchangeability of sea-surface and near-surface air temperature anomalies in climatologies. <i>Scientific Reports</i> , 2020, 10, 7433.	1.6	5
20	The Interdecadal Shift of ENSO Properties in 1999/2000: A Review. <i>Journal of Climate</i> , 2020, 33, 4441-4462.	1.2	71
21	Pacific decadal oscillation remotely forced by the equatorial Pacific and the Atlantic Oceans. <i>Climate Dynamics</i> , 2020, 55, 789-811.	1.7	35
22	Deep-reaching acceleration of global mean ocean circulation over the past two decades. <i>Science Advances</i> , 2020, 6, eaax7727.	4.7	80
23	Estimation of Vertical Heat Diffusivity at the Base of the Mixed Layer in the Bay of Bengal. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015402.	1.0	7
24	Uncoupled El Niño Warming. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087621.	1.5	18
25	Climate impacts of the El Niño–Southern Oscillation on South America. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 215-231.	12.2	318
26	Intraseasonal Kelvin Waves in the Equatorial Indian Ocean and Their Propagation into the Indonesian Seas. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015839.	1.0	23
27	A Road Map to IndOOS-2: Better Observations of the Rapidly Warming Indian Ocean. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E1891-E1913.	1.7	48
28	Variability of the Oceans. , 2020, , 1-53.		2
29	On the variety of coastal El Niño events. <i>Climate Dynamics</i> , 2019, 52, 7537-7552.	1.7	44
30	ENSO drives near-surface oxygen and vertical habitat variability in the tropical Pacific. <i>Environmental Research Letters</i> , 2019, 14, 064020.	2.2	13
31	A Sustained Ocean Observing System in the Indian Ocean for Climate Related Scientific Knowledge and Societal Needs. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	49
32	Unprecedented Response of Indonesian Throughflow to Anomalous Indo-Pacific Climatic Forcing in 2016. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 3737-3754.	1.0	37
33	Seasonal Evolution of the Surface Layer Heat Balance in the Eastern Subtropical Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 6459-6477.	1.0	6
34	Dipole Structure of Mixed Layer Salinity in Response to El Niño–La Niña Asymmetry in the Tropical Pacific. <i>Geophysical Research Letters</i> , 2019, 46, 12165-12172.	1.5	15
35	Meridional and Zonal Eddy-Induced Heat and Salt Transport in the Bay of Bengal and Their Seasonal Modulation. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 8079-8101.	1.0	15
36	100 Years of Progress in Ocean Observing Systems. <i>Meteorological Monographs</i> , 2019, 59, 3.1-3.46.	5.0	15

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37	PIRATA: A Sustained Observing System for Tropical Atlantic Climate Research and Forecasting. <i>Earth and Space Science</i> , 2019, 6, 577-616.	1.1	63
38	The Tropical Atlantic Observing System. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	80
39	Pantropical climate interactions. <i>Science</i> , 2019, 363, .	6.0	419
40	Twofold expansion of the Indo-Pacific warm pool warps the MJO life cycle. <i>Nature</i> , 2019, 575, 647-651.	13.7	114
41	Continuation of tropical Pacific Ocean temperature trend may weaken extreme El Niño and its linkage to the Southern Annular Mode. <i>Scientific Reports</i> , 2019, 9, 17044.	1.6	26
42	Quantifying the Role of Oceanic Feedbacks on ENSO Asymmetry. <i>Geophysical Research Letters</i> , 2019, 46, 2140-2148.	1.5	23
43	Influence of Westerly Wind Events stochasticity on El Niño amplitude: the case of 2014 vs. 2015. <i>Climate Dynamics</i> , 2019, 52, 7435-7454.	1.7	35
44	Autonomous seawater pCO_2 and pH time series from 40 surface buoys and the emergence of anthropogenic trends. <i>Earth System Science Data</i> , 2019, 11, 421-439.	3.7	69
45	Unusually warm Indian Ocean sea surface temperatures help to arrest development of El Niño in 2014. <i>Scientific Reports</i> , 2018, 8, 2249.	1.6	20
46	ENSO Atmospheric Teleconnections and Their Response to Greenhouse Gas Forcing. <i>Reviews of Geophysics</i> , 2018, 56, 185-206.	9.0	330
47	The Shallow Overturning Circulation in the Indian Ocean. <i>Journal of Physical Oceanography</i> , 2018, 48, 413-434.	0.7	27
48	Increased variability of eastern Pacific El Niño under greenhouse warming. <i>Nature</i> , 2018, 564, 201-206.	13.7	394
49	Vertical Propagation of Middepth Zonal Currents Associated With Surface Wind Forcing in the Equatorial Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 7290-7307.	1.0	19
50	Ocean Surface Layer Response to Convectively Coupled Kelvin Waves in the Eastern Equatorial Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 5727-5741.	1.0	11
51	Seasonal Mixed Layer Temperature Balance in the Southeastern Tropical Atlantic. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 5557-5570.	1.0	13
52	AMO Forcing of Multidecadal Pacific ITCZ Variability. <i>Journal of Climate</i> , 2018, 31, 5749-5764.	1.2	36
53	Ecological Impacts of the 2015/16 El Niño in the Central Equatorial Pacific. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, S21-S26.	1.7	63
54	El Niño "Southern Oscillation complexity. <i>Nature</i> , 2018, 559, 535-545.	13.7	702

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55	Strengthened Indonesian Throughflow Drives Decadal Warming in the Southern Indian Ocean. <i>Geophysical Research Letters</i> , 2018, 45, 6167-6175.	1.5	79
56	Symmetry of the Atlantic Niño mode. <i>Geophysical Research Letters</i> , 2017, 44, 965-973.	1.5	44
57	Focusing of internal tides by near-inertial waves. <i>Geophysical Research Letters</i> , 2017, 44, 2398-2406.	1.5	9
58	The impact of the AMO on multidecadal ENSO variability. <i>Geophysical Research Letters</i> , 2017, 44, 3877-3886.	1.5	101
59	Strong Intraseasonal Variability of Meridional Currents near 5°N in the Eastern Indian Ocean: Characteristics and Causes. <i>Journal of Physical Oceanography</i> , 2017, 47, 979-998.	0.7	46
60	Seasonal cycle of cross-equatorial flow in the central Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 3817-3827.	1.0	31
61	The role of external forcing and internal variability in regulating global mean surface temperatures on decadal timescales. <i>Environmental Research Letters</i> , 2017, 12, 034011.	2.2	41
62	Why Has the Relationship between Indian and Pacific Ocean Decadal Variability Changed in Recent Decades?. <i>Journal of Climate</i> , 2017, 30, 1971-1983.	1.2	64
63	Tropical explosive volcanic eruptions can trigger El Niño by cooling tropical Africa. <i>Nature Communications</i> , 2017, 8, 778.	5.8	132
64	The Effects of External Forcing and Internal Variability on the Formation of Interhemispheric Sea Surface Temperature Gradient Trends in the Indian Ocean. <i>Journal of Climate</i> , 2017, 30, 9077-9095.	1.2	4
65	Continued increase of extreme El Niño frequency long after 1.5°C warming stabilization. <i>Nature Climate Change</i> , 2017, 7, 568-572.	8.1	174
66	The Defining Characteristics of ENSO Extremes and the Strong 2015/2016 El Niño. <i>Reviews of Geophysics</i> , 2017, 55, 1079-1129.	9.0	337
67	Factors influencing the skill of synthesized satellite wind products in the tropical Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 1072-1089.	1.0	15
68	Mixed Layer Temperature Budget for the Northward Propagating Summer Monsoon Intraseasonal Oscillation (MISO) in the Central Bay of Bengal. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8841-8854.	1.0	54
69	Using present-day observations to detect when anthropogenic change forces surface ocean carbonate chemistry outside preindustrial bounds. <i>Biogeosciences</i> , 2016, 13, 5065-5083.	1.3	60
70	Extreme Noise—Extreme El Niño: How State-Dependent Noise Forcing Creates El Niño—La Niña Asymmetry. <i>Journal of Climate</i> , 2016, 29, 5483-5499.	1.2	83
71	How the July 2014 easterly wind burst gave the 2015–2016 El Niño a head start. <i>Geophysical Research Letters</i> , 2016, 43, 6503-6510.	1.5	162
72	Zonal Propagation of Near-Surface Zonal Currents in Relation to Surface Wind Forcing in the Equatorial Indian Ocean. <i>Journal of Physical Oceanography</i> , 2016, 46, 3623-3638.	0.7	19

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73	The 2 nd International Indian Ocean Expedition (IIOE ²): Motivating New Exploration in a Poorly Understood Basin. <i>Limnology and Oceanography Bulletin</i> , 2016, 25, 117-124.	0.2	13
74	A Simple Analytical Model of the Diurnal Ekman Layer. <i>Journal of Physical Oceanography</i> , 2016, 46, 2877-2894.	0.7	12
75	Ocean Processes Affecting the Twenty-First-Century Shift in ENSO SST Variability. <i>Journal of Climate</i> , 2016, 29, 6861-6879.	1.2	40
76	Interhemispheric SST Gradient Trends in the Indian Ocean prior to and during the Recent Global Warming Hiatus. <i>Journal of Climate</i> , 2016, 29, 9077-9095.	1.2	45
77	Fourth CLIVAR Workshop on the Evaluation of ENSO Processes in Climate Models: ENSO in a Changing Climate. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, 817-820.	1.7	20
78	Wind, Waves, and Fronts: Frictional Effects in a Generalized Ekman Model. <i>Journal of Physical Oceanography</i> , 2016, 46, 371-394.	0.7	59
79	Seasonality of tropical Pacific decadal trends associated with the 21st century global warming hiatus. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 6782-6798.	1.0	22
80	Dynamics of the surface layer diurnal cycle in the equatorial Atlantic Ocean (0° \hat{A} , 23°W). <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 563-581.	1.0	34
81	Volume transports of the w _{yr} ki jets and their relationship to the Indian Ocean Dipole. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 5302-5317.	1.0	69
82	The annual cycle in ENSO growth rate as a cause of the spring predictability barrier. <i>Geophysical Research Letters</i> , 2015, 42, 5034-5041.	1.5	69
83	Biogeochemical variability in the central equatorial Indian Ocean during the monsoon transition. <i>Biogeosciences</i> , 2015, 12, 2367-2382.	1.3	31
84	Seasonal-to-Interannual Time-Scale Dynamics of the Equatorial Undercurrent in the Indian Ocean. <i>Journal of Physical Oceanography</i> , 2015, 45, 1532-1553.	0.7	91
85	Increased frequency of extreme La Niña events under greenhouse warming. <i>Nature Climate Change</i> , 2015, 5, 132-137.	8.1	479
86	The Curious Case of the El Niño That Never Happened: A Perspective from 40 Years of Progress in Climate Research and Forecasting. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 1647-1665.	1.7	47
87	ENSO and greenhouse warming. <i>Nature Climate Change</i> , 2015, 5, 849-859.	8.1	596
88	Playing hide and seek with El Niño. <i>Nature Climate Change</i> , 2015, 5, 791-795.	8.1	189
89	Why did the 2011-2012 La Niña cause a severe drought in the Brazilian Northeast?. <i>Geophysical Research Letters</i> , 2014, 41, 1012-1018.	1.5	86
90	Changes in Tropical Pacific Thermocline Depth and Their Relationship to ENSO after 1999. <i>Journal of Climate</i> , 2014, 27, 7230-7249.	1.2	42

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91	Variability in the South Atlantic Anticyclone and the Atlantic Ni \pm o Mode*. Journal of Climate, 2014, 27, 8135-8150.	1.2	50
92	Assessing the Twenty-First-Century Shift in ENSO Variability in Terms of the Bjerknes Stability Index*. Journal of Climate, 2014, 27, 2577-2587.	1.2	101
93	Indian Ocean Decadal Variability: A Review. Bulletin of the American Meteorological Society, 2014, 95, 1679-1703.	1.7	210
94	Natural variability and anthropogenic change in equatorial Pacific surface ocean CO_2 and pH. Global Biogeochemical Cycles, 2014, 28, 131-145.	1.9	64
95	Variability of zonal currents in the eastern equatorial Indian Ocean on seasonal to interannual time scales. Journal of Geophysical Research: Oceans, 2014, 119, 7969-7986.	1.0	52
96	The influence of salinity on tropical Atlantic instability waves. Journal of Geophysical Research: Oceans, 2014, 119, 8375-8394.	1.0	31
97	Indian Ocean dipole interpreted in terms of recharge oscillator theory. Climate Dynamics, 2014, 42, 1569-1586.	1.7	70
98	Increasing frequency of extreme El Ni \pm o events due to greenhouse warming. Nature Climate Change, 2014, 4, 111-116.	8.1	1,572
99	Processes of interannual mixed layer temperature variability in the thermocline ridge of the Indian Ocean. Climate Dynamics, 2014, 43, 2377-2397.	1.7	16
100	Recent intensification of wind-driven circulation in the Pacific and the ongoing warming hiatus. Nature Climate Change, 2014, 4, 222-227.	8.1	1,115
101	Recent climatic trends in the tropical Atlantic. Climate Dynamics, 2014, 43, 3071-3089.	1.7	60
102	Wind stress and near-surface shear in the equatorial Atlantic Ocean. Geophysical Research Letters, 2014, 41, 1226-1231.	1.5	26
103	Zonal momentum budget along the equator in the Indian Ocean from a high-resolution ocean general circulation model. Journal of Geophysical Research: Oceans, 2014, 119, 4444-4461.	1.0	19
104	Observed interannual variability of zonal currents in the equatorial Indian Ocean thermocline and their relation to Indian Ocean Dipole. Geophysical Research Letters, 2014, 41, 7933-7941.	1.5	25
105	Seasonal sea surface cooling in the equatorial Pacific cold tongue controlled by ocean mixing. Nature, 2013, 500, 64-67.	13.7	104
106	TropFlux wind stresses over the tropical oceans: evaluation and comparison with other products. Climate Dynamics, 2013, 40, 2049-2071.	1.7	102
107	A Comparative Stability Analysis of Atlantic and Pacific Ni \pm o Modes*. Journal of Climate, 2013, 26, 5965-5980.	1.2	52
108	Late-twentieth-century emergence of the El Ni \pm o propagation asymmetry and future projections. Nature, 2013, 504, 126-130.	13.7	116

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109	Meridional movement of wind anomalies during ENSO events and their role in event termination. <i>Geophysical Research Letters</i> , 2013, 40, 749-754.	1.5	90
110	Dust Accumulation Biases in PIRATA Shortwave Radiation Records*. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 1414-1432.	0.5	21
111	La Niña forces unprecedented Leeuwin Current warming in 2011. <i>Scientific Reports</i> , 2013, 3, 1277.	1.6	326
112	Intraseasonal variations in the surface layer heat balance of the central equatorial Indian Ocean: The importance of zonal advection and vertical mixing. <i>Geophysical Research Letters</i> , 2013, 40, 2737-2741.	1.5	44
113	Temperature inversions and their influence on the mixed layer heat budget during the winters of 2006-2007 and 2007-2008 in the Bay of Bengal. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 2426-2437.	1.0	85
114	Tropical storm-induced near-inertial internal waves during the Cirene experiment: Energy fluxes and impact on vertical mixing. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 358-380.	1.0	61
115	On the Inconsistent Relationship between Pacific and Atlantic Niño events*. <i>Journal of Climate</i> , 2012, 25, 4294-4303.	1.2	87
116	An Investigation of the Consistency of TAO-TRITON Buoy-Mounted Capacitance Rain Gauges*. <i>Journal of Atmospheric and Oceanic Technology</i> , 2012, 29, 834-845.	0.5	5
117	More extreme swings of the South Pacific convergence zone due to greenhouse warming. <i>Nature</i> , 2012, 488, 365-369.	13.7	160
118	A 21st century shift in the relationship between ENSO SST and warm water volume anomalies. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	217
119	A Strong Atlantic Meridional Mode Event in 2009: The Role of Mixed Layer Dynamics*. <i>Journal of Climate</i> , 2012, 25, 363-380.	1.2	58
120	Enhanced warming over the global subtropical western boundary currents. <i>Nature Climate Change</i> , 2012, 2, 161-166.	8.1	564
121	The dynamics of wind-driven intraseasonal variability in the equatorial Indian Ocean. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	36
122	Biological response to the 1997-98 and 2009-10 El Niño events in the equatorial Pacific Ocean. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	73
123	Impact of Indian Ocean Dipole and El Niño/Southern Oscillation wind forcing on the Wyrski jets. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	56
124	Characteristics of the seasonal cycle of surface layer salinity in the global ocean. <i>Ocean Science</i> , 2012, 8, 915-929.	1.3	50
125	TropFlux: air-sea fluxes for the global tropical oceans—description and evaluation. <i>Climate Dynamics</i> , 2012, 38, 1521-1543.	1.7	291
126	Intraseasonal variability in barrier layer thickness in the south central Bay of Bengal. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	103

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127	Multidecadal variability of the North Brazil Current and its connection to the Atlantic meridional overturning circulation. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	51
128	El Niño and its relationship to changing background conditions in the tropical Pacific Ocean. <i>Geophysical Research Letters</i> , 2011, 38, .	1.5	334
129	Implications of changing El Niño patterns for biological dynamics in the equatorial Pacific Ocean. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	34
130	Dynamics of wind-forced intraseasonal zonal current variations in the equatorial Indian Ocean. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	52
131	Ocean Preconditioning of Cyclone Nargis in the Bay of Bengal: Interaction between Rossby Waves, Surface Fresh Waters, and Sea Surface Temperatures*. <i>Journal of Physical Oceanography</i> , 2011, 41, 1741-1755.	0.7	61
132	A TOGA Retrospective. <i>Oceanography</i> , 2010, 23, 86-103.	0.5	82
133	Seasonal cycles of surface layer salinity in the Pacific Ocean. <i>Ocean Science</i> , 2010, 6, 775-787.	1.3	51
134	The NCEP GODAS Ocean Analysis of the Tropical Pacific Mixed Layer Heat Budget on Seasonal to Interannual Time Scales. <i>Journal of Climate</i> , 2010, 23, 4901-4925.	1.2	101
135	Surface Layer Heat Balance in the Eastern Equatorial Pacific Ocean on Interannual Time Scales: Influence of Local versus Remote Wind Forcing*. <i>Journal of Climate</i> , 2010, 23, 4375-4394.	1.2	29
136	Seasonal Mixed Layer Heat Balance of the Southwestern Tropical Indian Ocean*. <i>Journal of Climate</i> , 2010, 23, 947-965.	1.2	56
137	Wyrtki Jet dynamics: Seasonal variability. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	90
138	Decadal variability of the Pacific subtropical cells and their influence on the southeast Indian Ocean. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	109
139	Interaction between the Atlantic meridional and Niño modes. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	81
140	Increasing intensity of El Niño in the central equatorial Pacific. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	543
141	Abrupt equatorial wave-induced cooling of the Atlantic cold tongue in 2009. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	43
142	Mooring observations and numerical modeling of thermal structures in the South China Sea. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	9
143	Dynamics of zonal current variations associated with the Indian Ocean dipole. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	82
144	Impact of environmental forcing on the acoustic backscattering strength in the equatorial Pacific: Diurnal, lunar, intraseasonal, and interannual variability. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 1314-1328.	0.6	17

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145	RAMA: The Research Moored Array for African-Asian-Australian Monsoon Analysis and Prediction. Bulletin of the American Meteorological Society, 2009, 90, 459-480.	1.7	489
146	Observed freshening and warming of the western Pacific Warm Pool. Climate Dynamics, 2009, 33, 565-589.	1.7	221
147	Asymmetry in zonal phase propagation of ENSO sea surface temperature anomalies. Geophysical Research Letters, 2009, 36, .	1.5	137
148	Ocean-Atmosphere Interactions During Cyclone Nargis. Eos, 2009, 90, 53-54.	0.1	122
149	Supplement to RAMA: The Research Moored Array for African-Asian-Australian Monsoon Analysis and Prediction. Bulletin of the American Meteorological Society, 2009, 90, ES5-ES8.	1.7	10
150	Supplement to Cirene: Air-Sea Interactions in the Seychelles-Chagos Thermocline Ridge Region. Bulletin of the American Meteorological Society, 2009, 90, ES1-ES4.	1.7	7
151	Cirene: Air-Sea Interactions in the Seychelles-Chagos Thermocline Ridge Region. Bulletin of the American Meteorological Society, 2009, 90, 45-62.	1.7	116
152	Impact of Barrier Layer Thickness on SST in the Central Tropical North Atlantic*. Journal of Climate, 2009, 22, 285-299.	1.2	82
153	Decadal phase change in large-scale sea level and winds in the Indo-Pacific region at the end of the 20th century. Geophysical Research Letters, 2008, 35, .	1.5	155
154	Seasonal mixed layer salinity balance of the tropical North Atlantic Ocean. Journal of Geophysical Research, 2008, 113, .	3.3	73
155	Trends in Saharan dust and tropical Atlantic climate during 1980-2006. Geophysical Research Letters, 2008, 35, .	1.5	57
156	Strong Indian Ocean sea surface temperature signals associated with the Madden-Julian Oscillation in late 2007 and early 2008. Geophysical Research Letters, 2008, 35, .	1.5	90
157	The dynamics of zonal current variations in the central equatorial Indian Ocean. Geophysical Research Letters, 2008, 35, .	1.5	42
158	Eastern Equatorial Pacific Forcing of ENSO Sea Surface Temperature Anomalies*. Journal of Climate, 2008, 21, 6070-6079.	1.2	23
159	MISMO FIELD EXPERIMENT IN THE EQUATORIAL INDIAN OCEAN. Bulletin of the American Meteorological Society, 2008, 89, 1889-1904.	1.7	73
160	Impact of Saharan Dust on Tropical North Atlantic SST*. Journal of Climate, 2008, 21, 5048-5060.	1.2	74
161	Meridional Structure of the Seasonally Varying Mixed Layer Temperature Balance in the Eastern Tropical Pacific. Journal of Climate, 2008, 21, 3240-3260.	1.2	33
162	THE PIRATA PROGRAM. Bulletin of the American Meteorological Society, 2008, 89, 1111-1126.	1.7	309

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163	Recent Changes in the Pacific Subtropical Cells Inferred from an Eddy-Resolving Ocean Circulation Model*. Journal of Physical Oceanography, 2007, 37, 1340-1356.	0.7	22
164	Decadal variations and trends in tropical Pacific sea surface salinity since 1970. Journal of Geophysical Research, 2007, 112, .	3.3	92
165	ENSO as an Integrating Concept in Earth Science. Science, 2006, 314, 1740-1745.	6.0	1,315
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