

Michael J Mcphaden

List of Publications by Year in Descending Order

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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.

333
papers

25,828
citations

80
h-index

150
g-index

348
ext. papers

29,108
ext. citations

7.2
avg, IF

7.41
L-index

#	Paper	IF	Citations
333	Zonal Structure of Tropical Pacific Surface Salinity Anomalies Affects ENSO Intensity and Asymmetry. <i>Geophysical Research Letters</i> , 2022 , 49,	4.9	1
332	Assessment of radiative heating errors in Tropical Atmosphere Ocean array marine air temperature measurements. <i>Environmental Research Letters</i> , 2022 , 17, 014040	6.2	
331	Robust Evaluation of ENSO in Climate Models: How Many Ensemble Members Are Needed?. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL095041	4.9	5
330	Biweekly Mixed Rossby-Gravity Waves in the Equatorial Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2021 , 126, e2020JC016840	3.3	2
329	Interannual Variability in Sea Surface Height at Southern Midlatitudes of the Indian Ocean. <i>Journal of Physical Oceanography</i> , 2021 , 51, 1595-1609	2.4	6
328	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	4.2	2
327	Evaluating Climate Models with the CLIVAR 2020 ENSO Metrics Package. <i>Bulletin of the American Meteorological Society</i> , 2021 , 102, E193-E217	6.1	27
326	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 , 1-36	4.4	0
325	Changing El Niño-Southern Oscillation in a warming climate. <i>Nature Reviews Earth & Environment</i> , 2021 , 2, 628-644	30.2	26
324	Diverse impacts of Indian Ocean Dipole on El Niño-Southern Oscillation. <i>Journal of Climate</i> , 2021 , 1-46	4.4	
323	Niño 4 West (Niño-4W) Sea Surface Temperature Variability. <i>Journal of Geophysical Research: Oceans</i> , 2021 , 126, e2021JC017591	3.3	1
322	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	3.3	1
321	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	4.9	0
320	Decadal climate variability in the tropical Pacific: Characteristics, causes, predictability, and prospects. <i>Science</i> , 2021 , 374, eaay9165	33.3	24
319	On the interchangeability of sea-surface and near-surface air temperature anomalies in climatologies. <i>Scientific Reports</i> , 2020 , 10, 7433	4.9	2
318	The Interdecadal Shift of ENSO Properties in 1999/2000: A Review. <i>Journal of Climate</i> , 2020 , 33, 4441-4462	4.2	26
317	Pacific decadal oscillation remotely forced by the equatorial Pacific and the Atlantic Oceans. <i>Climate Dynamics</i> , 2020 , 55, 789-811	4.2	17

316	Deep-reaching acceleration of global mean ocean circulation over the past two decades. <i>Science Advances</i> , 2020 , 6, eaax7727	14.3	32
315	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	3.3	3
314	Uncoupled El Niño Warming. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL087621	4.9	6
313	Climate impacts of the El Niño Southern Oscillation on South America. <i>Nature Reviews Earth & Environment</i> , 2020 , 1, 215-231	30.2	125
312	A Road Map to IndoOOS-2: Better Observations of the Rapidly Warming Indian Ocean. <i>Bulletin of the American Meteorological Society</i> , 2020 , 101, E1891-E1913	6.1	19
311	Variability of the Oceans 2020 , 1-53		0
310	Introduction to El Niño Southern Oscillation in a Changing Climate. <i>Geophysical Monograph Series</i> , 2020 , 1-19	1.1	5
309	ENSO in the Global Climate System. <i>Geophysical Monograph Series</i> , 2020 , 21-37	1.1	2
308	ENSO Observations. <i>Geophysical Monograph Series</i> , 2020 , 39-63	1.1	2
307	ENSO Diversity. <i>Geophysical Monograph Series</i> , 2020 , 65-86	1.1	16
306	Past ENSO Variability. <i>Geophysical Monograph Series</i> , 2020 , 87-118	1.1	4
305	Simple ENSO Models. <i>Geophysical Monograph Series</i> , 2020 , 119-151	1.1	7
304	ENSO Irregularity and Asymmetry. <i>Geophysical Monograph Series</i> , 2020 , 153-172	1.1	6
303	El Niño Southern Oscillation Evolution Modulated by Atlantic Forcing. <i>Journal of Geophysical Research: Oceans</i> , 2020 , 125, e2020JC016318	3.3	11
302	ENSO-Driven Ocean Extremes and Their Ecosystem Impacts. <i>Geophysical Monograph Series</i> , 2020 , 409-428	1.1	5
301	ENSO Impact on Marine Fisheries and Ecosystems. <i>Geophysical Monograph Series</i> , 2020 , 429-451	1.1	8
300	ENSO Low-Frequency Modulation and Mean State Interactions. <i>Geophysical Monograph Series</i> , 2020 , 173-198	1.1	5
299	ENSO Prediction. <i>Geophysical Monograph Series</i> , 2020 , 227-246	1.1	7

298	ENSO Remote Forcing. <i>Geophysical Monograph Series</i> , 2020 , 247-265	1.1	1
297	The Effect of Strong Volcanic Eruptions on ENSO. <i>Geophysical Monograph Series</i> , 2020 , 267-287	1.1	14
296	ENSO Response to Greenhouse Forcing. <i>Geophysical Monograph Series</i> , 2020 , 289-307	1.1	5
295	ENSO Atmospheric Teleconnections. <i>Geophysical Monograph Series</i> , 2020 , 309-335	1.1	20
294	ENSO Oceanic Teleconnections. <i>Geophysical Monograph Series</i> , 2020 , 337-359	1.1	7
293	Impact of El Niño on Weather and Climate Extremes. <i>Geophysical Monograph Series</i> , 2020 , 361-375	1.1	6
292	ENSO and Tropical Cyclones. <i>Geophysical Monograph Series</i> , 2020 , 377-408	1.1	8
291	ENSO and the Carbon Cycle. <i>Geophysical Monograph Series</i> , 2020 , 453-470	1.1	5
290	ENSO in a Changing Climate. <i>Geophysical Monograph Series</i> , 2020 , 471-484	1.1	2
289	ENSO Modeling. <i>Geophysical Monograph Series</i> , 2020 , 199-226	1.1	8
288	Butterfly effect and a self-modulating El Niño response to global warming. <i>Nature</i> , 2020 , 585, 68-73	50.4	19
287	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	3.3	11
286	100 Years of Progress in Ocean Observing Systems. <i>Meteorological Monographs</i> , 2019 , 59, 3.1-3.46	5.7	6
285	PIRATA: A Sustained Observing System for Tropical Atlantic Climate Research and Forecasting. <i>Earth and Space Science</i> , 2019 , 6, 577-616	3.1	39
284	The Tropical Atlantic Observing System. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	46
283	Pantropical climate interactions. <i>Science</i> , 2019 , 363,	33.3	250
282	On the variety of coastal El Niño events. <i>Climate Dynamics</i> , 2019 , 52, 7537-7552	4.2	23
281	ENSO drives near-surface oxygen and vertical habitat variability in the tropical Pacific. <i>Environmental Research Letters</i> , 2019 , 14, 064020	6.2	5

280	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,	4.5	26
279	Unprecedented Response of Indonesian Throughflow to Anomalous Indo-Pacific Climatic Forcing in 2016. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 3737-3754	3.3	20
278	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	3.3	2
277	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	4.9	10
276	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	3.3	9
275	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	10.5	37
274	Twofold expansion of the Indo-Pacific warm pool warps the MJO life cycle. <i>Nature</i> , 2019 , 575, 647-651	50.4	52
273	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	4.9	13
272	Quantifying the Role of Oceanic Feedbacks on ENSO Asymmetry. <i>Geophysical Research Letters</i> , 2019 , 46, 2140-2148	4.9	12
271	Influence of Westerly Wind Events stochasticity on El Niño amplitude: the case of 2014 vs. 2015. <i>Climate Dynamics</i> , 2019 , 52, 7435-7454	4.2	27
270	Unusually warm Indian Ocean sea surface temperatures help to arrest development of El Niño in 2014. <i>Scientific Reports</i> , 2018 , 8, 2249	4.9	15
269	ENSO Atmospheric Teleconnections and Their Response to Greenhouse Gas Forcing. <i>Reviews of Geophysics</i> , 2018 , 56, 185-206	23.1	207
268	The Shallow Overturning Circulation in the Indian Ocean. <i>Journal of Physical Oceanography</i> , 2018 , 48, 413-434	2.4	12
267	El Niño-Southern Oscillation complexity. <i>Nature</i> , 2018 , 559, 535-545	50.4	389
266	Strengthened Indonesian Throughflow Drives Decadal Warming in the Southern Indian Ocean. <i>Geophysical Research Letters</i> , 2018 , 45, 6167	4.9	35
265	Increased variability of eastern Pacific El Niño under greenhouse warming. <i>Nature</i> , 2018 , 564, 201-206	50.4	254
264	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	3.3	13
263	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	3.3	9

262	Seasonal Mixed Layer Temperature Balance in the Southeastern Tropical Atlantic. <i>Journal of Geophysical Research: Oceans</i> , 2018 , 123, 5557-5570	3.3	9
261	AMO Forcing of Multidecadal Pacific ITCZ Variability. <i>Journal of Climate</i> , 2018 , 31, 5749-5764	4.4	19
260	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	6.1	42
259	Symmetry of the Atlantic Niño mode. <i>Geophysical Research Letters</i> , 2017 , 44, 965-973	4.9	33
258	Focusing of internal tides by near-inertial waves. <i>Geophysical Research Letters</i> , 2017 , 44, 2398-2406	4.9	6
257	The impact of the AMO on multidecadal ENSO variability. <i>Geophysical Research Letters</i> , 2017 , 44, 3877-3886	4.9	65
256	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	2.4	28
255	Seasonal cycle of cross-equatorial flow in the central Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 3817-3827	3.3	19
254	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	6.2	32
253	Why Has the Relationship between Indian and Pacific Ocean Decadal Variability Changed in Recent Decades?. <i>Journal of Climate</i> , 2017 , 30, 1971-1983	4.4	50
252	Tropical explosive volcanic eruptions can trigger El Niño by cooling tropical Africa. <i>Nature Communications</i> , 2017 , 8, 778	17.4	82
251	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	4.4	4
250	Continued increase of extreme El Niño frequency long after 1.5 °C warming stabilization. <i>Nature Climate Change</i> , 2017 , 7, 568-572	21.4	125
249	The Defining Characteristics of ENSO Extremes and the Strong 2015/2016 El Niño. <i>Reviews of Geophysics</i> , 2017 , 55, 1079-1129	23.1	212
248	Factors influencing the skill of synthesized satellite wind products in the tropical Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 1072-1089	3.3	9
247	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	3.3	37
246	Ocean Processes Affecting the Twenty-First-Century Shift in ENSO SST Variability. <i>Journal of Climate</i> , 2016 , 29, 6861-6879	4.4	34
245	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	4.4	34

244	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	6.1	19
243	Wind, Waves, and Fronts: Frictional Effects in a Generalized Ekman Model. <i>Journal of Physical Oceanography</i> , 2016 , 46, 371-394	2.4	45
242	Using present-day observations to detect when anthropogenic change forces surface ocean carbonate chemistry outside preindustrial bounds. <i>Biogeosciences</i> , 2016 , 13, 5065-5083	4.6	46
241	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	4.4	64
240	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	4.9	125
239	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	2.4	14
238	The 2nd International Indian Ocean Expedition (IIOE-2): Motivating New Exploration in a Poorly Understood Basin. <i>Limnology and Oceanography Bulletin</i> , 2016 , 25, 117-124	0.9	10
237	A Simple Analytical Model of the Diurnal Ekman Layer. <i>Journal of Physical Oceanography</i> , 2016 , 46, 2877-2894	2.9	9
236	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	6.1	40
235	ENSO and greenhouse warming. <i>Nature Climate Change</i> , 2015 , 5, 849-859	21.4	441
234	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	3.3	19
233	Dynamics of the surface layer diurnal cycle in the equatorial Atlantic Ocean (0°–23°W). <i>Journal of Geophysical Research: Oceans</i> , 2015 , 120, 563-581	3.3	25
232	Volume transports of the Wyrтки jets and their relationship to the Indian Ocean Dipole. <i>Journal of Geophysical Research: Oceans</i> , 2015 , 120, 5302-5317	3.3	52
231	The annual cycle in ENSO growth rate as a cause of the spring predictability barrier. <i>Geophysical Research Letters</i> , 2015 , 42, 5034-5041	4.9	50
230	Biogeochemical variability in the central equatorial Indian Ocean during the monsoon transition. <i>Biogeosciences</i> , 2015 , 12, 2367-2382	4.6	21
229	Seasonal-to-Interannual Time-Scale Dynamics of the Equatorial Undercurrent in the Indian Ocean. <i>Journal of Physical Oceanography</i> , 2015 , 45, 1532-1553	2.4	65
228	Increased frequency of extreme La Niña events under greenhouse warming. <i>Nature Climate Change</i> , 2015 , 5, 132-137	21.4	382
227	Processes of interannual mixed layer temperature variability in the thermocline ridge of the Indian Ocean. <i>Climate Dynamics</i> , 2014 , 43, 2377-2397	4.2	8

226	Recent intensification of wind-driven circulation in the Pacific and the ongoing warming hiatus. <i>Nature Climate Change</i> , 2014 , 4, 222-227	21.4	953
225	Recent climatic trends in the tropical Atlantic. <i>Climate Dynamics</i> , 2014 , 43, 3071-3089	4.2	52
224	Wind stress and near-surface shear in the equatorial Atlantic Ocean. <i>Geophysical Research Letters</i> , 2014 , 41, 1226-1231	4.9	21
223	Zonal momentum budget along the equator in the Indian Ocean from a high-resolution ocean general circulation model. <i>Journal of Geophysical Research: Oceans</i> , 2014 , 119, 4444-4461	3.3	17
222	Observed interannual variability of zonal currents in the equatorial Indian Ocean thermocline and their relation to Indian Ocean Dipole. <i>Geophysical Research Letters</i> , 2014 , 41, 7933-7941	4.9	17
221	Why did the 2011-2012 La Niña cause a severe drought in the Brazilian Northeast?. <i>Geophysical Research Letters</i> , 2014 , 41, 1012-1018	4.9	69
220	Changes in Tropical Pacific Thermocline Depth and Their Relationship to ENSO after 1999. <i>Journal of Climate</i> , 2014 , 27, 7230-7249	4.4	33
219	Variability in the South Atlantic Anticyclone and the Atlantic Niño Mode*. <i>Journal of Climate</i> , 2014 , 27, 8135-8150	4.4	37
218	Assessing the Twenty-First-Century Shift in ENSO Variability in Terms of the Bjerknes Stability Index*. <i>Journal of Climate</i> , 2014 , 27, 2577-2587	4.4	83
217	Indian Ocean Decadal Variability: A Review. <i>Bulletin of the American Meteorological Society</i> , 2014 , 95, 1679-1703	6.1	162
216	Natural variability and anthropogenic change in equatorial Pacific surface ocean pCO ₂ and pH. <i>Global Biogeochemical Cycles</i> , 2014 , 28, 131-145	5.9	48
215	Variability of zonal currents in the eastern equatorial Indian Ocean on seasonal to interannual time scales. <i>Journal of Geophysical Research: Oceans</i> , 2014 , 119, 7969-7986	3.3	40
214	The influence of salinity on tropical Atlantic instability waves. <i>Journal of Geophysical Research: Oceans</i> , 2014 , 119, 8375-8394	3.3	23
213	Indian Ocean dipole interpreted in terms of recharge oscillator theory. <i>Climate Dynamics</i> , 2014 , 42, 1569-1586	4.15	56
212	Increasing frequency of extreme El Niño events due to greenhouse warming. <i>Nature Climate Change</i> , 2014 , 4, 111-116	21.4	1181
211	Seasonal sea surface cooling in the equatorial Pacific cold tongue controlled by ocean mixing. <i>Nature</i> , 2013 , 500, 64-7	50.4	84
210	TropFlux wind stresses over the tropical oceans: evaluation and comparison with other products. <i>Climate Dynamics</i> , 2013 , 40, 2049-2071	4.2	83
209	A Comparative Stability Analysis of Atlantic and Pacific Niño Modes*. <i>Journal of Climate</i> , 2013 , 26, 5965-5980	4.1	46

208	Late-twentieth-century emergence of the El Niño propagation asymmetry and future projections. <i>Nature</i> , 2013 , 504, 126-30	50.4	97
207	Meridional movement of wind anomalies during ENSO events and their role in event termination. <i>Geophysical Research Letters</i> , 2013 , 40, 749-754	4.9	73
206	Dust Accumulation Biases in PIRATA Shortwave Radiation Records*. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013 , 30, 1414-1432	2	18
205	La Niña forces unprecedented Leeuwin Current warming in 2011. <i>Scientific Reports</i> , 2013 , 3, 1277	4.9	241
204	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	4.9	35
203	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	2.3	65
202	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	3.3	46
201	A Strong Atlantic Meridional Mode Event in 2009: The Role of Mixed Layer Dynamics*. <i>Journal of Climate</i> , 2012 , 25, 363-380	4.4	44
200	Enhanced warming over the global subtropical western boundary currents. <i>Nature Climate Change</i> , 2012 , 2, 161-166	21.4	427
199	The dynamics of wind-driven intraseasonal variability in the equatorial Indian Ocean. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		28
198	Biological response to the 1997-98 and 2009-10 El Niño events in the equatorial Pacific Ocean. <i>Geophysical Research Letters</i> , 2012 , 39, n/a-n/a	4.9	55
197	Impact of Indian Ocean Dipole and El Niño/Southern Oscillation wind-forcing on the Wyrтки jets. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		51
196	Characteristics of the seasonal cycle of surface layer salinity in the global ocean. <i>Ocean Science</i> , 2012 , 8, 915-929	4	43
195	TropFlux: air-sea fluxes for the global tropical oceans—description and evaluation. <i>Climate Dynamics</i> , 2012 , 38, 1521-1543	4.2	243
194	On the Inconsistent Relationship between Pacific and Atlantic Niños*. <i>Journal of Climate</i> , 2012 , 25, 4294-4303	4.1	60
193	An Investigation of the Consistency of TAOMRITON Buoy-Mounted Capacitance Rain Gauges*. <i>Journal of Atmospheric and Oceanic Technology</i> , 2012 , 29, 834-845	2	4
192	More extreme swings of the South Pacific convergence zone due to greenhouse warming. <i>Nature</i> , 2012 , 488, 365-9	50.4	140
191	A 21st century shift in the relationship between ENSO SST and warm water volume anomalies. <i>Geophysical Research Letters</i> , 2012 , 39, n/a-n/a	4.9	172

190	Intraseasonal variability in barrier layer thickness in the south central Bay of Bengal. <i>Journal of Geophysical Research</i> , 2011 , 116,		82
189	Multidecadal variability of the North Brazil Current and its connection to the Atlantic meridional overturning circulation. <i>Journal of Geophysical Research</i> , 2011 , 116,		36
188	El Niño and its relationship to changing background conditions in the tropical Pacific Ocean. <i>Geophysical Research Letters</i> , 2011 , 38,	4.9	275
187	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	4.9	29
186	Dynamics of wind-forced intraseasonal zonal current variations in the equatorial Indian Ocean. <i>Journal of Geophysical Research</i> , 2011 , 116,		44
185	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	5.0	50
184	A TOGA Retrospective. <i>Oceanography</i> , 2010 , 23, 86-103	2.3	61
183	Seasonal cycles of surface layer salinity in the Pacific Ocean. <i>Ocean Science</i> , 2010 , 6, 775-787	4	43
182	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	4.4	74
181	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	4.4	24
180	Seasonal Mixed Layer Heat Balance of the Southwestern Tropical Indian Ocean*. <i>Journal of Climate</i> , 2010 , 23, 947-965	4.4	45
179	Wyrtki Jet dynamics: Seasonal variability. <i>Journal of Geophysical Research</i> , 2010 , 115,		78
178	Decadal variability of the Pacific subtropical cells and their influence on the southeast Indian Ocean. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	87
177	Interaction between the Atlantic meridional and Niño modes. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	63
176	Increasing intensity of El Niño in the central-equatorial Pacific. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	461
175	Abrupt equatorial wave-induced cooling of the Atlantic cold tongue in 2009. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	36
174	Mooring observations and numerical modeling of thermal structures in the South China Sea. <i>Journal of Geophysical Research</i> , 2010 , 115,		6
173	Dynamics of zonal current variations associated with the Indian Ocean dipole. <i>Journal of Geophysical Research</i> , 2010 , 115,		64

172	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	2.5	15
171	RAMA: The Research Moored Array for AfricanAsianAustralian Monsoon Analysis and Prediction*. <i>Bulletin of the American Meteorological Society</i> , 2009 , 90, 459-480	6.1	417
170	Observed freshening and warming of the western Pacific Warm Pool. <i>Climate Dynamics</i> , 2009 , 33, 565-582	4.2	177
169	Asymmetry in zonal phase propagation of ENSO sea surface temperature anomalies. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	117
168	Ocean-Atmosphere Interactions During Cyclone Nargis. <i>Eos</i> , 2009 , 90, 53-54	1.5	95
167	Supplement to RAMA: The Research Moored Array for AfricanAsianAustralian Monsoon Analysis and Prediction. <i>Bulletin of the American Meteorological Society</i> , 2009 , 90, ES5-ES8	6.1	9
166	Supplement to Cirene: AirSea Interactions in the SeychellesChagos Thermocline Ridge Region. <i>Bulletin of the American Meteorological Society</i> , 2009 , 90, ES1-ES4	6.1	3
165	Cirene: AirSea Interactions in the SeychellesChagos Thermocline Ridge Region. <i>Bulletin of the American Meteorological Society</i> , 2009 , 90, 45-62	6.1	99
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