

Toshio Yamagata

List of Publications by Year in descending order

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188
papers

20,145
citations

10389

72
h-index

11308

136
g-index

191
all docs

191
docs citations

191
times ranked

9286
citing authors

#	ARTICLE	IF	CITATIONS
1	El Niño Modoki and its possible teleconnection. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	2,115
2	Impact of the Indian Ocean dipole on the relationship between the Indian monsoon rainfall and ENSO. <i>Geophysical Research Letters</i> , 2001, 28, 4499-4502.	4.0	862
3	ENSO theory. <i>Journal of Geophysical Research</i> , 1998, 103, 14261-14290.	3.3	809
4	Individual and Combined Influences of ENSO and the Indian Ocean Dipole on the Indian Summer Monsoon. <i>Journal of Climate</i> , 2004, 17, 3141-3155.	3.2	510
5	Impacts of recent El Niño Modoki on dry/wet conditions in the Pacific rim during boreal summer. <i>Climate Dynamics</i> , 2007, 29, 113-129.	3.8	478
6	Subtropical SST dipole events in the southern Indian Ocean. <i>Geophysical Research Letters</i> , 2001, 28, 327-330.	4.0	397
7	Influence of the Indian Ocean Dipole on the Australian winter rainfall. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	392
8	Influence of the state of the Indian Ocean Dipole on the following year's El Niño. <i>Nature Geoscience</i> , 2010, 3, 168-172.	12.9	372
9	The El Niño with a difference. <i>Nature</i> , 2009, 461, 481-484.	27.8	350
10	Paramount Impact of the Indian Ocean Dipole on the East African Short Rains: A CGCM Study. <i>Journal of Climate</i> , 2005, 18, 4514-4530.	3.2	344
11	Can Luzon Strait Transport Play a Role in Conveying the Impact of ENSO to the South China Sea?*. <i>Journal of Climate</i> , 2004, 17, 3644-3657.	3.2	317
12	Anomalous winter climate conditions in the Pacific rim during recent El Niño Modoki and El Niño events. <i>Climate Dynamics</i> , 2009, 32, 663-674.	3.8	311
13	Interannual subsurface variability in the tropical Indian Ocean with a special emphasis on the Indian Ocean Dipole. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 1549-1572.	1.4	296
14	Increased frequency of extreme Indian Ocean Dipole events due to greenhouse warming. <i>Nature</i> , 2014, 510, 254-258.	27.8	296
15	Intrusion of the North Pacific waters into the South China Sea. <i>Journal of Geophysical Research</i> , 2000, 105, 6415-6424.	3.3	290
16	A CGCM Study on the Interaction between IOD and ENSO. <i>Journal of Climate</i> , 2006, 19, 1688-1705.	3.2	288
17	The unusual summer of 1994 in East Asia: IOD teleconnections. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.	4.0	275
18	Interaction between El Niño and Extreme Indian Ocean Dipole. <i>Journal of Climate</i> , 2010, 23, 726-742.	3.2	274

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19	Impacts of El Niño Southern Oscillation on the global yields of major crops. <i>Nature Communications</i> , 2014, 5, 3712.	12.8	273
20	The Kuroshio Onshore Intrusion along the Shelf Break of the East China Sea: The Origin of the Tsushima Warm Current. <i>Journal of Physical Oceanography</i> , 2006, 36, 2205-2231.	1.7	249
21	Seasonal Climate Predictability in a Coupled OAGCM Using a Different Approach for Ensemble Forecasts. <i>Journal of Climate</i> , 2005, 18, 4474-4497.	3.2	246
22	Extended ENSO Predictions Using a Fully Coupled Ocean-Atmosphere Model. <i>Journal of Climate</i> , 2008, 21, 84-93.	3.2	240
23	A Look at the Relationship between the ENSO and the Indian Ocean Dipole.. <i>Journal of the Meteorological Society of Japan</i> , 2003, 81, 41-56.	1.8	225
24	The Role of the Western Arabian Sea Upwelling in Indian Monsoon Rainfall Variability. <i>Journal of Climate</i> , 2008, 21, 5603-5623.	3.2	220
25	Coupled Ocean-Atmosphere Variability in the Tropical Indian Ocean. <i>Geophysical Monograph Series</i> , 0, , 189-211.	0.1	218
26	Reducing Climatology Bias in an Ocean-Atmosphere CGCM with Improved Coupling Physics. <i>Journal of Climate</i> , 2005, 18, 2344-2360.	3.2	201
27	Projected response of the Indian Ocean Dipole to greenhouse warming. <i>Nature Geoscience</i> , 2013, 6, 999-1007.	12.9	201
28	Influence of the Indian Ocean Dipole on the Southern Oscillation.. <i>Journal of the Meteorological Society of Japan</i> , 2003, 81, 169-177.	1.8	193
29	Intensification of decadal and multi-decadal sea level variability in the western tropical Pacific during recent decades. <i>Climate Dynamics</i> , 2014, 43, 1357-1379.	3.8	173
30	An introduction to the South China Sea throughflow: Its dynamics, variability, and application for climate. <i>Dynamics of Atmospheres and Oceans</i> , 2009, 47, 3-14.	1.8	171
31	Experimental Forecasts of the Indian Ocean Dipole Using a Coupled OAGCM. <i>Journal of Climate</i> , 2007, 20, 2178-2190.	3.2	169
32	The Indian Ocean dipole ? the unsung driver of climatic variability in East Africa. <i>African Journal of Ecology</i> , 2007, 45, 4-16.	0.9	169
33	Response of the equatorial Indian Ocean to an unusual wind event during 1994. <i>Geophysical Research Letters</i> , 1999, 26, 1613-1616.	4.0	167
34	Intrusion of the Southwest Monsoon Current into the Bay of Bengal. <i>Journal of Geophysical Research</i> , 1999, 104, 11077-11085.	3.3	167
35	Monsoon Response of the Sea around Sri Lanka: Generation of Thermal Domes and Anticyclonic Vortices. <i>Journal of Physical Oceanography</i> , 1998, 28, 1946-1960.	1.7	165
36	Pacific low-latitude western boundary currents and the Indonesian throughflow. <i>Journal of Geophysical Research</i> , 1996, 101, 12209-12216.	3.3	159

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37	On the western boundary currents in the Philippine Sea. <i>Journal of Geophysical Research</i> , 1998, 103, 7537-7548.	3.3	153
38	Indian Ocean dipole mode events in an ocean general circulation model. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 1573-1596.	1.4	146
39	Prediction of seasonal climate-induced variations in global food production. <i>Nature Climate Change</i> , 2013, 3, 904-908.	18.8	143
40	Successful prediction of the consecutive IOD in 2006 and 2007. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	136
41	The Indian Ocean SST dipole simulated in a coupled general circulation model. <i>Geophysical Research Letters</i> , 2000, 27, 3369-3372.	4.0	135
42	Anatomy of Indian heatwaves. <i>Scientific Reports</i> , 2016, 6, 24395.	3.3	135
43	A Triply Nested Ocean Model for Simulating the Kuroshio's Roles of Horizontal Resolution on JEBAR. <i>Journal of Physical Oceanography</i> , 2003, 33, 146-169.	1.7	131
44	A Climatology of the Circulation and Water Mass Distribution near the Philippine Coast*. <i>Journal of Physical Oceanography</i> , 1999, 29, 1488-1505.	1.7	130
45	South Pacific origin of the decadal ENSO-like variation as simulated by a coupled GCM. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	126
46	Decadal variability of the Indian Ocean dipole. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	125
47	Impact of intra-daily SST variability on ENSO characteristics in a coupled model. <i>Climate Dynamics</i> , 2012, 39, 681-707.	3.8	117
48	Long-term El Niño-Southern Oscillation (ENSO)-like variation with special emphasis on the South Pacific. <i>Journal of Geophysical Research</i> , 2001, 106, 22211-22227.	3.3	116
49	Role of the ENSO's Indian Ocean coupling on ENSO variability in a coupled GCM. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	112
50	On the Ningaloo Niño/Niña. <i>Climate Dynamics</i> , 2014, 43, 1463-1482.	3.8	112
51	Indian Ocean Dipole influence on South American rainfall. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	110
52	Comments on "Dipoles, Temperature Gradients, and Tropical Climate Anomalies". <i>Bulletin of the American Meteorological Society</i> , 2003, 84, 1418-1422.	3.3	106
53	Modulation of Sri Lankan rainfall by the Indian Ocean Dipole. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	103
54	Influence of Indian Ocean Dipole and Pacific recharge on following year's El Niño: interdecadal robustness. <i>Climate Dynamics</i> , 2014, 42, 291-310.	3.8	101

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55	Seasonal Variation of the Seychelles Dome. <i>Journal of Climate</i> , 2008, 21, 3740-3754.	3.2	100
56	Decadal Modulations of the Indian Ocean Dipole in the SINTEX-F1 Coupled GCM. <i>Journal of Climate</i> , 2007, 20, 2881-2894.	3.2	97
57	Predictability of Northwest Pacific climate during summer and the role of the tropical Indian Ocean. <i>Climate Dynamics</i> , 2011, 36, 607-621.	3.8	97
58	Roles of Mesoscale Eddies in the Kuroshio Paths. <i>Journal of Physical Oceanography</i> , 2004, 34, 2203-2222.	1.7	96
59	Summertime Response of the Tropical Atmosphere to the Indian Ocean Dipole Sea Surface Temperature Anomalies. <i>Journal of the Meteorological Society of Japan</i> , 2003, 81, 533-561.	1.8	95
60	Dramatic impact of the South China Sea on the Indonesian Throughflow. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	95
61	Simulated Multiscale Variations in the Western Tropical Pacific: The Mindanao Dome Revisited. <i>Journal of Physical Oceanography</i> , 2002, 32, 1338-1359.	1.7	93
62	Seasonal Transport Variations of the Kuroshio: An OGCM Simulation. <i>Journal of Physical Oceanography</i> , 1997, 27, 403-418.	1.7	91
63	Impacts of ENSO and Indian Ocean Dipole Events on the Southern Hemisphere Storm-Track Activity during Austral Winter. <i>Journal of Climate</i> , 2007, 20, 3147-3163.	3.2	88
64	Diagnosis of Tropospheric Moisture over Saudi Arabia and Influences of IOD and ENSO. <i>Monthly Weather Review</i> , 2006, 134, 598-617.	1.4	87
65	Impacts of the South China Sea Throughflow on seasonal and interannual variations of the Indonesian Throughflow. <i>Dynamics of Atmospheres and Oceans</i> , 2009, 47, 73-85.	1.8	87
66	On the triggering of Benguela Niños: Remote equatorial versus local influences. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	86
67	Anomalous summer climate in China influenced by the tropical Indo-Pacific Oceans. <i>Climate Dynamics</i> , 2011, 36, 769-782.	3.8	86
68	Predictability of the Super IOD Event in 2019 and Its Link With El Niño Modoki. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086713.	4.0	86
69	Indian Ocean subtropical dipole simulated using a coupled general circulation model. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	85
70	Seasonal variations of the Indonesian throughflow in a general ocean circulation model. <i>Journal of Geophysical Research</i> , 1996, 101, 12287-12293.	3.3	84
71	Inter-basin sources for two-year predictability of the multi-year La Niña event in 2010–2012. <i>Scientific Reports</i> , 2017, 7, 2276.	3.3	80
72	Why were cool SST anomalies absent in the Bay of Bengal during the 1997 Indian Ocean Dipole Event?. <i>Geophysical Research Letters</i> , 2002, 29, 50-1.	4.0	79

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73	Climate variability in the southern Indian Ocean as revealed by self-organizing maps. <i>Climate Dynamics</i> , 2010, 35, 1059-1072.	3.8	79
74	Opposite response of strong and moderate positive Indian Ocean Dipole to global warming. <i>Nature Climate Change</i> , 2021, 11, 27-32.	18.8	79
75	Comments on "A Cautionary Note on the Interpretation of EOFs". <i>Journal of Climate</i> , 2003, 16, 1087-1093.	3.2	78
76	Intraseasonal Kelvin waves along the southern coast of Sumatra and Java. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	74
77	Impacts of IOD, ENSO and ENSO Modoki on the Australian Winter Wheat Yields in Recent Decades. <i>Scientific Reports</i> , 2015, 5, 17252.	3.3	73
78	On the Growth and Decay of the Subtropical Dipole Mode in the South Atlantic. <i>Journal of Climate</i> , 2011, 24, 5538-5554.	3.2	71
79	The Atlantic Meridional Mode and Its Coupled Variability with the Guinea Dome. <i>Journal of Climate</i> , 2010, 23, 455-475.	3.2	70
80	Improved Prediction of the Indian Ocean Dipole Mode by Use of Subsurface Ocean Observations. <i>Journal of Climate</i> , 2017, 30, 7953-7970.	3.2	70
81	Unusual IOD event of 2007. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	68
82	Seasonal variations in the equatorial Indian Ocean and their impact on the Lombok throughflow. <i>Journal of Geophysical Research</i> , 1996, 101, 12465-12473.	3.3	65
83	The Influence of Tropical Indian Ocean SST on the Indian Summer Monsoon. <i>Journal of Climate</i> , 2007, 20, 3083-3105.	3.2	65
84	Generation and termination of Indian Ocean dipole events in 2003, 2006 and 2007. <i>Climate Dynamics</i> , 2009, 33, 751-767.	3.8	65
85	Improved seasonal prediction using the <scp>S</scp>INTEXâ€² coupled model. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 1847-1867.	3.8	65
86	Influence of Indian Ocean Dipole on Poleward Propagation of Boreal Summer Intraseasonal Oscillations. <i>Journal of Climate</i> , 2008, 21, 5437-5454.	3.2	63
87	On the Evolution of Nonlinear Planetary Eddies Larger than the Radius of Deformation. <i>Journal of Physical Oceanography</i> , 1982, 12, 440-456.	1.7	61
88	Locally and remotely forced atmospheric circulation anomalies of Ningaloo Ni \pm o/Ni \pm a. <i>Climate Dynamics</i> , 2014, 43, 2197-2205.	3.8	60
89	Respective influences of IOD and ENSO on the Tibetan snow cover in early winter. <i>Climate Dynamics</i> , 2009, 33, 509-520.	3.8	57
90	Climate Based Predictability of Oil Palm Tree Yield in Malaysia. <i>Scientific Reports</i> , 2018, 8, 2271.	3.3	57

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91	Subtropical Dipole Modes Simulated in a Coupled General Circulation Model. <i>Journal of Climate</i> , 2012, 25, 4029-4047.	3.2	54
92	IOD and ENSO impacts on the extreme stream-flows of Citarum river in Indonesia. <i>Climate Dynamics</i> , 2012, 39, 1673-1680.	3.8	54
93	A Simple Diagnostic Model for the 30-50 Day Oscillation in the Tropics. <i>Journal of the Meteorological Society of Japan</i> , 1984, 62, 709-717.	1.8	53
94	A subsurface countercurrent along the east coast of Luzon. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1997, 44, 413-423.	1.4	53
95	Mode shift in the Indian Ocean climate under global warming stress. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	53
96	Impact of Mascarene High variability on the East African "short rains". <i>Climate Dynamics</i> , 2014, 42, 1259-1274.	3.8	53
97	Stabilised frequency of extreme positive Indian Ocean Dipole under 1.5°C warming. <i>Nature Communications</i> , 2018, 9, 1419.	12.8	51
98	Impact of salinity on the 1997 Indian Ocean dipole event in a numerical experiment. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	50
99	Interannual variability of the Kuroshio Extension and its relation to the Southern Oscillation/El Niño. <i>Journal of the Oceanographical Society of Japan</i> , 1985, 41, 274-281.	0.3	48
100	An index for tropical temperate troughs over southern Africa. <i>Climate Dynamics</i> , 2013, 41, 421-441.	3.8	46
101	A modeling study of interannual variations of the Seychelles Dome. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	45
102	Predictability of the Ningaloo Niño/Niña. <i>Scientific Reports</i> , 2013, 3, 2892.	3.3	45
103	CURRENT STATUS OF INTRASEASONAL "SEASONAL-TO-INTERANNUAL PREDICTION OF THE INDO-PACIFIC CLIMATE. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2016, , 63-107.	0.2	45
104	Ensemble forecast of the Kuroshio meandering. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	44
105	Simulated seasonal circulation in the Indonesian Seas. <i>Journal of Geophysical Research</i> , 1993, 98, 12501-12509.	3.3	43
106	Intraseasonal variations of surface and subsurface currents off Java as simulated in a high-resolution ocean general circulation model. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	43
107	The role of the intra-daily SST variability in the Indian monsoon variability and monsoon-ENSO "IOD relationships in a global coupled model. <i>Climate Dynamics</i> , 2012, 39, 729-754.	3.8	42
108	An interdecadal regime shift in rainfall predictability related to the Ningaloo Niño in the late 1990s. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 1388-1396.	2.6	42

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109	Generation and Decay Mechanisms of Ningaloo Niño/Niña. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8913-8932.	2.6	42
110	Impacts of Indian Ocean SST biases on the Indian Monsoon: as simulated in a global coupled model. <i>Climate Dynamics</i> , 2014, 42, 271-290.	3.8	41
111	A Unique Feature of the 2019 Extreme Positive Indian Ocean Dipole Event. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088615.	4.0	40
112	Tropical Indian Ocean variability revealed by self-organizing maps. <i>Climate Dynamics</i> , 2008, 31, 333-343.	3.8	39
113	Annual ENSO. <i>Journal of Physical Oceanography</i> , 2003, 33, 1564-1578.	1.7	38
114	A Regional Climate Mode Discovered in the North Atlantic: Dakar Niño/Niña. <i>Scientific Reports</i> , 2016, 6, 18782.	3.3	38
115	Interannual variability of the Guinea Dome and its possible link with the Atlantic Meridional Mode. <i>Climate Dynamics</i> , 2009, 33, 985-998.	3.8	37
116	Indian Ocean Dipole index recorded in Kenyan coral annual density bands. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	36
117	Low and high frequency Madden-Julian oscillations in austral summer: interannual variations. <i>Climate Dynamics</i> , 2010, 35, 669-683.	3.8	36
118	Merits of a 108-Member Ensemble System in ENSO and IOD Predictions. <i>Journal of Climate</i> , 2019, 32, 957-972.	3.2	36
119	Seasonal and Interannual Variations of the SST above the Seychelles Dome. <i>Journal of Climate</i> , 2012, 25, 800-814.	3.2	34
120	IOD influence on the early winter tibetan plateau snow cover: diagnostic analyses and an AGCM simulation. <i>Climate Dynamics</i> , 2012, 39, 1643-1660.	3.8	34
121	The interannual precipitation variability in the southern part of Iran as linked to large-scale climate modes. <i>Climate Dynamics</i> , 2012, 39, 2329-2341.	3.8	34
122	Can Ningaloo Niño/Niña Develop Without El Niño Southern Oscillation?. <i>Geophysical Research Letters</i> , 2018, 45, 7040-7048.	4.0	33
123	Interdecadal Natural Climate Variability in the Western Pacific and its Implication in Global Warming. <i>Journal of the Meteorological Society of Japan</i> , 1992, 70, 167-175.	1.8	31
124	Seasonal and Interannual Variations of Oceanic Conditions in the Angola Dome. <i>Journal of Physical Oceanography</i> , 2007, 37, 2698-2713.	1.7	31
125	Impact of Global Ocean Surface Warming on Seasonal-to-Interannual Climate Prediction. <i>Journal of Climate</i> , 2011, 24, 1626-1646.	3.2	31
126	How is the Indian Ocean Subtropical Dipole excited?. <i>Climate Dynamics</i> , 2013, 41, 1955-1968.	3.8	31

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127	On nonlinear planetary waves: A class of solutions missed by the traditional quasi-geostrophic approximation. <i>Journal of the Oceanographical Society of Japan</i> , 1982, 38, 236-244.	0.3	30
128	Imprint of the El Niño Modoki on decadal sea level changes. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	30
129	Poleward propagation of boreal summer intraseasonal oscillations in a coupled model: role of internal processes. <i>Climate Dynamics</i> , 2011, 37, 851-867.	3.8	30
130	California Niño/Niña. <i>Scientific Reports</i> , 2014, 4, 4801.	3.3	30
131	Termination of Indian Ocean Dipole Events in a Coupled General Circulation Model. <i>Journal of Climate</i> , 2007, 20, 3018-3035.	3.2	29
132	A Simple Moist Model Relevant to the Origin of Intraseasonal Disturbances in the Tropics. <i>Journal of the Meteorological Society of Japan</i> , 1987, 65, 153-165.	1.8	28
133	Key factors in simulating the equatorial Atlantic zonal sea surface temperature gradient in a coupled general circulation model. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	28
134	Predictability of the subtropical dipole modes in a coupled ocean-atmosphere model. <i>Climate Dynamics</i> , 2014, 42, 1291-1308.	3.8	27
135	Dynamical seasonal prediction of Southern African summer precipitation. <i>Climate Dynamics</i> , 2014, 42, 3357-3374.	3.8	27
136	Wintertime Impacts of the 2019 Super IOD on East Asia. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089456.	4.0	27
137	A Numerical Simulation Study of the Indian Summer Monsoon of 1994 using NCAR MM5. <i>Journal of the Meteorological Society of Japan</i> , 2004, 82, 1755-1775.	1.8	27
138	Probabilistic prediction of Indian summer monsoon rainfall using global climate models. <i>Theoretical and Applied Climatology</i> , 2012, 107, 441-450.	2.8	26
139	The Stability, Modulation and Long Wave Resonance of a Planetary Wave in a Rotating, Two-Layer Fluid on a Channel Beta-Planet. <i>Journal of the Meteorological Society of Japan</i> , 1980, 58, 160-171.	1.8	25
140	The role of damped equatorial waves in the oceanic response to winds. <i>Journal of the Oceanographical Society of Japan</i> , 1985, 41, 345-357.	0.3	24
141	Seasonal transport variations of the wind-driven ocean circulation in a two-layer planetary geostrophic model with a continental slope. <i>Journal of Marine Research</i> , 1996, 54, 261-284.	0.3	24
142	Relative importance of the processes contributing to the development of SST anomalies in the eastern pole of the Indian Ocean Dipole and its implication for predictability. <i>Climate Dynamics</i> , 2017, 49, 1289-1304.	3.8	24
143	Longitudinal biases in the Seychelles Dome simulated by 35 ocean-atmosphere coupled general circulation models. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 831-846.	2.6	23
144	Interhemispheric oscillations in the surface air pressure field. <i>Geophysical Research Letters</i> , 2001, 28, 263-266.	4.0	22

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145	Assessment of the long-lead probabilistic prediction for the Asian summer monsoon precipitation (1983–2011) based on the APCC multimodel system and a statistical model. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	22
146	Impact of Indian Ocean Dipole on intraseasonal zonal currents at 90°E on the equator as revealed by self-organizing map. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	21
147	On the Origin of a Model ENSO in the Western Pacific. <i>Journal of the Meteorological Society of Japan</i> , 1991, 69, 197-207.	1.8	20
148	El Niño Modoki connection to extremely-low streamflow of the Parana River in Brazil. <i>Climate Dynamics</i> , 2014, 42, 1509-1516.	3.8	20
149	Influence of Indian Ocean Dipole on boreal summer intraseasonal oscillations in a coupled general circulation model. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	19
150	Anomalous Walker circulations associated with two flavors of the Indian Ocean Dipole. <i>Geophysical Research Letters</i> , 2016, 43, 5378-5384.	4.0	19
151	Seasonal Variations of the Seychelles Dome Simulated in the CMIP3 Models. <i>Journal of Physical Oceanography</i> , 2009, 39, 449-457.	1.7	18
152	Characteristics of coastal trapped waves along the southern and eastern coasts of Australia. <i>Journal of Oceanography</i> , 2010, 66, 243-258.	1.7	18
153	Influence of the Reflected Rossby Waves on the Western Arabian Sea Upwelling Region. <i>Journal of Physical Oceanography</i> , 2014, 44, 1424-1438.	1.7	18
154	Influences of the MJO on intraseasonal rainfall variability over southern Iran. <i>Atmospheric Science Letters</i> , 2015, 16, 110-118.	1.9	18
155	More-frequent extreme northward shifts of eastern Indian Ocean tropical convergence under greenhouse warming. <i>Scientific Reports</i> , 2014, 4, 6087.	3.3	18
156	Annual ENSO simulated in a coupled ocean-atmosphere model. <i>Dynamics of Atmospheres and Oceans</i> , 2005, 39, 41-60.	1.8	17
157	Footprints of IOD and ENSO in the Kenyan coral record. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	16
158	The Indian Ocean subtropical dipole mode simulated in the CMIP3 models. <i>Climate Dynamics</i> , 2012, 39, 1385-1399.	3.8	15
159	On the Propagation of Rossby Waves in a Weak Shear Flow. <i>Journal of the Meteorological Society of Japan</i> , 1976, 54, 126-128.	1.8	14
160	A Numerical Study of a Viscous flow Past a Circular Cylinder on an η -plane. <i>Journal of the Meteorological Society of Japan</i> , 1985, 63, 151-167.	1.8	14
161	Buffering Effect and Its Related Ocean Dynamics in the Indonesian Throughflow Region*. <i>Journal of Physical Oceanography</i> , 2008, 38, 503-516.	1.7	14
162	ENSO's far reaching connection to Indian cold waves. <i>Scientific Reports</i> , 2016, 6, 37657.	3.3	14

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163	A theory for propagation of an oceanic warm front with application to Sagami Bay. <i>Tellus</i> , 1980, 32, 73-76.	0.8	14
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