

Dong-Xiao Wang

List of Publications by Year in descending order

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313
papers

9,058
citations

44069

48
h-index

76900

74
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all docs

314
docs citations

314
times ranked

4739
citing authors

#	ARTICLE	IF	CITATIONS
1	Interpretation of interannual variability of the zonal contrasting thermal conditions in the winter South China Sea. <i>Climate Dynamics</i> , 2022, 58, 1439-1457.	3.8	3
2	Linking oceanographic processes to contourite features: Numerical modelling of currents influencing a contourite depositional system on the northern South China Sea margin. <i>Marine Geology</i> , 2022, 444, 106714.	2.1	6
3	Dissimilarity among Ocean Reanalyses in Equatorial Pacific Upper-Ocean Heat Content and Its Relationship with ENSO. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 67-79.	4.3	0
4	Joint Effect of West Pacific Warming and the Arctic Oscillation on the Bidecadal Variation and Trend of the East Asian Trough. <i>Journal of Climate</i> , 2022, 35, 2491-2501.	3.2	6
5	The Decadal Variation of Eastward-Moving Tropical Cyclones in the South China Sea During 1980-2020. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	5
6	Deep-Current Intraseasonal Variability Interpreted as Topographic Rossby Waves and Deep Eddies in the Xisha Islands of the South China Sea. <i>Journal of Physical Oceanography</i> , 2022, 52, 1415-1430.	1.7	18
7	Discrepant Effects of Oceanic Advection in the Evolution of SST Anomalies in the South China Sea During El Niño of Different Intensities. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	3
8	Influence of Coriolis Parameter Variation on Langmuir Turbulence in the Ocean Upper Mixed Layer with Large Eddy Simulation. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 1487-1500.	4.3	1
9	An Objective Method with a Continuity Constraint for Improving Surface Velocity Estimates from the Geostationary Ocean Color Imager. <i>Remote Sensing</i> , 2022, 14, 14.	4.0	2
10	Characteristics of rapidly intensifying tropical cyclones in the South China Sea, 1980-2016. <i>Advances in Climate Change Research</i> , 2022, 13, 333-343.	5.1	5
11	Surface warming-induced global acceleration of upper ocean currents. <i>Science Advances</i> , 2022, 8, eabj8394.	10.3	36
12	Inter-annual variability of biogeography-based phytoplankton seasonality in the Arabian Sea during 1998-2017. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2022, 200, 105096.	1.4	2
13	Roles of Equatorial Ocean Currents in Sustaining the Indian Ocean Dipole Peak. <i>Journal of Ocean University of China</i> , 2022, 21, 622-632.	1.2	0
14	Bottom-Reached Near-Inertial Waves Induced by the Tropical Cyclones, Conson and Mindulle, in the South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	8
15	An Extreme Drought over South China in 2020/21 Concurrent with an Unprecedented Warm Northwest Pacific and La Niña. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 1637-1649.	4.3	9
16	Cool Skin Effect and its Impact on the Computation of the Latent Heat Flux in the South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, .	2.6	7
17	Multi-decadal changes in the South China Sea mixed layer salinity. <i>Climate Dynamics</i> , 2021, 57, 435-449.	3.8	4
18	Interannual variability of summertime eddy-induced heat transport in the Western South China Sea and its formation mechanism. <i>Climate Dynamics</i> , 2021, 57, 451-468.	3.8	3

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19	IOD-ENSO interaction with natural coccolithophore assemblages in the tropical eastern Indian Ocean. <i>Progress in Oceanography</i> , 2021, 193, 102545.	3.2	3
20	Nonlinearity of Subtidal Estuarine Circulation in the Pearl River Estuary, China. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	4
21	Seasonal variation in the three-dimensional structures of coastal thermal front off western Guangdong. <i>Acta Oceanologica Sinica</i> , 2021, 40, 88-99.	1.0	1
22	Enhanced Intraseasonal Variability of the Upper Layers in the Southern Bay of Bengal During the Summer 2016. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017459.	2.6	5
23	Vertical Biogeography and Realized Niche Traits of Living Coccolithophore Community in the Eastern Indian Ocean. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005922.	3.0	3
24	A new presentation of the Indian Ocean shallow overturning circulation from a vertical perspective. <i>Atmospheric and Oceanic Science Letters</i> , 2021, 14, 100061.	1.3	1
25	Effects of spatial scale modification on the responses of surface wind stress to the thermal front in the northern South China Sea. <i>Journal of Climate</i> , 2021, , 1-44.	3.2	1
26	Extreme Sea-Surface Cooling Induced by Eddy Heat Advection During Tropical Cyclone in the North Western Pacific Ocean. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	10
27	Observed Variability of Bottom-Trapped Topographic Rossby Waves Along the Slope of the Northern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017746.	2.6	9
28	Interannual variability in the sea surface cooling induced by tropical cyclones in the South China Sea. <i>Acta Oceanologica Sinica</i> , 2021, 40, 70-78.	1.0	0
29	Features of Intraseasonal Variability Observed in the Upper-Layer Current in the Northern South China Sea. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	2
30	Spatial Variation in Primary Production in the Eastern Indian Ocean. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	4
31	Potential physical impacts of sea-level rise on the Pearl River Estuary, China. <i>Journal of Marine Systems</i> , 2020, 201, 103245.	2.1	47
32	A revisit of the interannual variation of the South China Sea upper layer circulation in summer: correlation between the eastward jet and northward branch. <i>Climate Dynamics</i> , 2020, 54, 457-471.	3.8	30
33	Assessment of persistent organic pollutants (POPs) in sediments of the Eastern Indian Ocean. <i>Science of the Total Environment</i> , 2020, 710, 136335.	8.0	30
34	Interannual variability of South China Sea winter circulation: response to Luzon Strait transport and El Niño wind. <i>Climate Dynamics</i> , 2020, 54, 1145-1159.	3.8	27
35	Early and Extreme Warming in the South China Sea During 2015/2016: Role of an Unusual Indian Ocean Dipole Event. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089936.	4.0	31
36	The imprint of the ENSO activities on the South China Sea wave climate. <i>Ocean Dynamics</i> , 2020, 70, 1315-1323.	2.2	7

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37	Interannual Variability of Shelf and Slope Circulations in the Northern South China Sea. <i>Journal of Ocean University of China</i> , 2020, 19, 1005-1016.	1.2	2
38	Impact of Assimilation of Moored Velocity Data on Low-Frequency Current Estimation in Northwestern Tropical Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015829.	2.6	5
39	Study on the Transport of Terrestrial Dissolved Substances in the Pearl River Estuary Using Passive Tracers. <i>Water (Switzerland)</i> , 2020, 12, 1235.	2.7	6
40	Can Tropical Pacific Winds Enhance the Footprint of the Interdecadal Pacific Oscillation on the Upper-Ocean Heat Content in the South China Sea?. <i>Journal of Climate</i> , 2020, 33, 4419-4437.	3.2	13
41	The Linkage of Kuroshio Intrusion and Mesoscale Eddy Variability in the Northern South China Sea: Subsurface Speed Maximum. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087034.	4.0	23
42	Development of double cyclonic mesoscale eddies at around Xisha islands observed by a "Sea-Whale 2000" autonomous underwater vehicle. <i>Applied Ocean Research</i> , 2020, 101, 102270.	4.1	16
43	Eastern Pacific Wind Effect on the Evolution of El Niño: Implications for ENSO Diversity. <i>Journal of Climate</i> , 2020, 33, 3197-3212.	3.2	21
44	Variations of the North Equatorial Current Bifurcation and the SSH in the Western Pacific Associated With El Niño Flavors. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015733.	2.6	7
45	Remote Tropical Western Indian Ocean Forcing on Changes in June Precipitation in South China and the Indochina Peninsula. <i>Journal of Climate</i> , 2020, 33, 7553-7566.	3.2	21
46	Intraseasonal Variability of Cross-Slope Flow in the Northern South China Sea. <i>Journal of Physical Oceanography</i> , 2020, 50, 2071-2084.	1.7	14
47	The Extreme El Niño Events Suppressing the Intraseasonal Variability in the Eastern Tropical Indian Ocean. <i>Journal of Physical Oceanography</i> , 2020, 50, 2359-2372.	1.7	13
48	Determination of Spatiotemporal Variability of the Indian Equatorial Intermediate Current. <i>Journal of Physical Oceanography</i> , 2020, 50, 3095-3108.	1.7	6
49	Baroclinic Characteristics and Energetics of Annual Rossby Waves in the Southern Tropical Indian Ocean. <i>Journal of Physical Oceanography</i> , 2020, 50, 2591-2607.	1.7	10
50	Interannual variation of the South China Sea circulation during winter: intensified in the southern basin. <i>Climate Dynamics</i> , 2019, 52, 1917-1933.	3.8	30
51	Temporal and spatial statistics of travelling eddy variability in the South China Sea. <i>Ocean Dynamics</i> , 2019, 69, 879-898.	2.2	8
52	Exploring the Importance of the Mindoro-Sibutu Pathway to the Upper-Layer Circulation of the South China Sea and the Indonesian Throughflow. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 5054-5066.	2.6	16
53	Impacts of the mid-latitude westerlies anomaly on the decadal sea level variability east of China. <i>Climate Dynamics</i> , 2019, 53, 5985-5998.	3.8	5
54	Eddy-Induced Transport of Saline Kuroshio Water Into the Northern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 6673-6687.	2.6	32

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55	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.	2.6	15
56	Semiannual Variability of Middepth Zonal Currents along 5°N in the Eastern Indian Ocean: Characteristics and Causes. <i>Journal of Physical Oceanography</i> , 2019, 49, 2715-2729.	1.7	13
57	Forecast of summer precipitation in the Yangtze River Valley based on South China Sea springtime sea surface salinity. <i>Climate Dynamics</i> , 2019, 53, 5495-5509.	3.8	19
58	Energetic Topographic Rossby Waves in the Northern South China Sea. <i>Journal of Physical Oceanography</i> , 2019, 49, 2697-2714.	1.7	20
59	Coupled ocean-atmosphere dynamics of the 2017 extreme coastal El Niño. <i>Nature Communications</i> , 2019, 10, 298.	12.8	44
60	Observation of Enhanced Nonlinear Interactions After Severe Tropical Storm Chanchu (2004) in the Western South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 3837-3848.	2.6	5
61	Comparisons of the temperature and humidity profiles of reanalysis products with shipboard GPS sounding measurements obtained during the 2018 Eastern Indian Ocean Open Cruise. <i>Atmospheric and Oceanic Science Letters</i> , 2019, 12, 177-183.	1.3	3
62	Response of the Diurnal Cycle of Summer Rainfall to Large-Scale Circulation and Coastal Upwelling at Hainan, South China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 3702-3725.	3.3	9
63	Convective instability-induced mixing and its parameterization using large eddy simulation. <i>Ocean Modelling</i> , 2019, 137, 40-51.	2.4	8
64	Contrasting changes in the sea surface temperature and upper ocean heat content in the South China Sea during recent decades. <i>Climate Dynamics</i> , 2019, 53, 1597-1612.	3.8	24
65	Response of Southern China Winter Rainfall to El Niño Diversity and Its Relevance to Projected Southern China Rainfall Change. <i>Journal of Climate</i> , 2019, 32, 3343-3356.	3.2	17
66	Advances in research of the mid-deep South China Sea circulation. <i>Science China Earth Sciences</i> , 2019, 62, 1992-2004.	5.2	34
67	Field-observation for an anticyclonic mesoscale eddy consisted of twelve gliders and sixty-two expendable probes in the northern South China Sea during summer 2017. <i>Science China Earth Sciences</i> , 2019, 62, 451-458.	5.2	41
68	Evaluating the Roles of Wind- and Buoyancy Flux-Induced Mixing on Phytoplankton Dynamics in the Northern and Central South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 680-702.	2.6	15
69	Intraseasonal Variability of the Equatorial Undercurrent in the Indian Ocean. <i>Journal of Physical Oceanography</i> , 2019, 49, 85-101.	1.7	24
70	Role of wind forcing and eddy activity in the intraseasonal variability of the barrier layer in the South China Sea. <i>Ocean Dynamics</i> , 2018, 68, 363-375.	2.2	4
71	Salinification in the South China Sea Since Late 2012: A Reversal of the Freshening Since the 1990s. <i>Geophysical Research Letters</i> , 2018, 45, 2744-2751.	4.0	37
72	Cases Study of Nonlinear Interaction Between Near-Inertial Waves Induced by Typhoon and Diurnal Tides Near the Xisha Islands. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 2768-2784.	2.6	19

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73	Origins of Eddy Kinetic Energy in the Bay of Bengal. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 2097-2115.	2.6	73
74	Potential impact of the Pacific Decadal Oscillation and sea surface temperature in the tropical Indian Ocean on the variability of typhoon landfall on the China coast. <i>Climate Dynamics</i> , 2018, 51, 2695-2705.	3.8	37
75	Multi-scale variability of the tropical Indian Ocean circulation system revealed by recent observations. <i>Science China Earth Sciences</i> , 2018, 61, 668-680.	5.2	7
76	Nonlinear Meridional Moisture Advection and the ENSO-Southern China Rainfall Teleconnection. <i>Geophysical Research Letters</i> , 2018, 45, 4353-4360.	4.0	18
77	Eastern Pacific ITCZ Dipole and ENSO Diversity. <i>Journal of Climate</i> , 2018, 31, 4449-4462.	3.2	48
78	Extreme subsurface warm events in the South China Sea during 1998/99 and 2006/07: observations and mechanisms. <i>Climate Dynamics</i> , 2018, 50, 115-128.	3.8	32
79	A three-dimensional modeling study on eddy-mean flow interaction between a Gaussian-type anticyclonic eddy and Kuroshio. <i>Journal of Oceanography</i> , 2018, 74, 23-37.	1.7	11
80	Evaluation of OAFlux datasets based on in situ air-sea flux tower observations over Yongxing Island in 2016. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 6091-6106.	3.1	14
81	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.	2.6	19
82	Carbon pools and fluxes in the China Seas and adjacent oceans. <i>Science China Earth Sciences</i> , 2018, 61, 1535-1563.	5.2	51
83	The Contribution of Local Wind and Ocean Circulation to the Interannual Variability in Coastal Upwelling Intensity in the Northern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 6766-6778.	2.6	25
84	Distribution of living coccolithophores in eastern Indian Ocean during spring intermonsoon. <i>Scientific Reports</i> , 2018, 8, 12488.	3.3	11
85	Model-based assessment of a Northwestern Tropical Pacific moored array to monitor intraseasonal variability. <i>Ocean Modelling</i> , 2018, 126, 1-12.	2.4	10
86	Targeted observation analysis of a Northwestern Tropical Pacific Ocean mooring array using an ensemble-based method. <i>Ocean Dynamics</i> , 2018, 68, 1109-1119.	2.2	10
87	Observed Cross-Shelf Flow Induced by Mesoscale Eddies in the Northern South China Sea. <i>Journal of Physical Oceanography</i> , 2018, 48, 1609-1628.	1.7	26
88	The relationship between significant wave height and Indian Ocean Dipole in the equatorial North Indian Ocean. <i>Ocean Dynamics</i> , 2018, 68, 689-699.	2.2	11
89	Seasonal variability of water characteristics in the Challenger Deep observed by four cruises. <i>Scientific Reports</i> , 2018, 8, 11791.	3.3	12
90	Deep Sea Currents Driven by Breaking Internal Tides on the Continental Slope. <i>Geophysical Research Letters</i> , 2018, 45, 6160-6166.	4.0	28

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91	Features of the Equatorial Intermediate Current Associated with Basin Resonance in the Indian Ocean. <i>Journal of Physical Oceanography</i> , 2018, 48, 1333-1347.	1.7	16
92	Wind and wave dataset for Matara, Sri Lanka. <i>Earth System Science Data</i> , 2018, 10, 131-138.	9.9	6
93	Development of a global gridded Argo data set with Barnes successive corrections. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 866-889.	2.6	90
94	Contributions of Surface Heat Fluxes and Oceanic Processes to Tropical SST Changes: Seasonal and Regional Dependence. <i>Journal of Climate</i> , 2017, 30, 4185-4205.	3.2	9
95	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.	1.7	46
96	Marine phytoplankton biomass responses to typhoon events in the South China Sea based on physical-biogeochemical model. <i>Ecological Modelling</i> , 2017, 356, 38-47.	2.5	54
97	Estimating Range-Dependent Evaporation Duct Height. <i>Journal of Atmospheric and Oceanic Technology</i> , 2017, 34, 1113-1123.	1.3	9
98	Ship observations and numerical simulation of the marine atmospheric boundary layer over the spring oceanic front in the northwestern South China Sea. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 3733-3753.	3.3	12
99	China-Sri Lanka Joint Center for Education and Research for the 21st Century Maritime Silk Road. <i>Atmospheric and Oceanic Science Letters</i> , 2017, 10, 354-357.	1.3	1
100	Enhanced Chlorophyll Concentrations Induced by Kuroshio Intrusion Fronts in the Northern South China Sea. <i>Geophysical Research Letters</i> , 2017, 44, 11,565.	4.0	49
101	Tracking the evolution processes and behaviors of mesoscale eddies in the South China Sea: a global nearest neighbor filter approach. <i>Acta Oceanologica Sinica</i> , 2017, 36, 27-37.	1.0	1
102	Modeling spring-summer phytoplankton bloom in Lake Michigan with and without riverine nutrient loading. <i>Ocean Dynamics</i> , 2017, 67, 1481-1494.	2.2	8
103	Seasonal variations in the barrier layer in the South China Sea: characteristics, mechanisms and impact of warming. <i>Climate Dynamics</i> , 2017, 48, 1911-1930.	3.8	26
104	Evaluation of Satellite-Altimetry-Derived Pycnocline Depth Products in the South China Sea. <i>Remote Sensing</i> , 2017, 9, 822.	4.0	2
105	On the near-inertial variations of meridional overturning circulation in the South China Sea. <i>Ocean Science</i> , 2016, 12, 335-344.	3.4	11
106	Persistent and energetic bottom-trapped topographic Rossby waves observed in the southern South China Sea. <i>Scientific Reports</i> , 2016, 6, 24338.	3.3	40
107	Detecting the structure of marine atmospheric boundary layer over the Northern South China Sea by shipboard GPS sondes. <i>Atmospheric Science Letters</i> , 2016, 17, 564-568.	1.9	5
108	Generation of near-inertial oscillations by summer monsoon onset over the South China Sea in 1998 and 1999. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 118, 10-19.	1.4	8

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109	Poleward propagation of parametric subharmonic instability-induced inertial waves. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 1881-1895.	2.6	15
110	The role of Equatorial Undercurrent in sustaining the Eastern Indian Ocean upwelling. <i>Geophysical Research Letters</i> , 2016, 43, 6444-6451.	4.0	38
111	Deep-water sedimentary systems and their relationship with bottom currents at the intersection of Xisha Trough and Northwest Sub-Basin, South China Sea. <i>Marine Geology</i> , 2016, 378, 101-113.	2.1	48
112	Numerical study on the eddy-mean flow interaction between a cyclonic eddy and Kuroshio. <i>Journal of Oceanography</i> , 2016, 72, 727-745.	1.7	20
113	Assimilating temperature and salinity profiles using Ensemble Kalman Filter with an adaptive observation error and T-S constraint. <i>Acta Oceanologica Sinica</i> , 2016, 35, 30-37.	1.0	3
114	Progress on deep circulation and meridional overturning circulation in the South China Sea. <i>Science China Earth Sciences</i> , 2016, 59, 1827-1833.	5.2	22
115	Observed evidence of the anomalous south China sea western boundary current during the summers of 2010 and 2011. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 1145-1159.	2.6	35
116	Decadal variation and trends in subsurface salinity from 1960 to 2012 in the northern South China Sea. <i>Geophysical Research Letters</i> , 2016, 43, 12,181.	4.0	33
117	North-south variations of tropical storm genesis locations in the Western Hemisphere. <i>Geophysical Research Letters</i> , 2016, 43, 11,367.	4.0	10
118	Freshening of the upper ocean in the South China Sea since the early 1990s. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 118, 20-29.	1.4	25
119	Characteristics of vertical exchange process in the Pearl River estuary. <i>Aquatic Ecosystem Health and Management</i> , 2016, 19, 286-295.	0.6	8
120	SCSPOD14, a South China Sea physical oceanographic dataset derived from in situ measurements during 1919-2014. <i>Scientific Data</i> , 2016, 3, 160029.	5.3	58
121	Validation of Microwave-Infrared, Tropical Rainfall Measuring Mission Microwave Imager and Advanced Microwave Scanning Radiometer Earth observing system and WindSat-derived sea surface temperatures in coastal waters of the northern South China Sea. <i>Aquatic Ecosystem Health and Management</i> , 2016, 19, 260-269.	0.6	1
122	Intraseasonal Variability of the Winter Western Boundary Current in the South China Sea Using Satellite Data and Mooring Observations. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 5079-5088.	4.9	7
123	A snapshot on spatial and vertical distribution of bacterial communities in the eastern Indian Ocean. <i>Acta Oceanologica Sinica</i> , 2016, 35, 85-93.	1.0	22
124	Interannual Variability of Equatorial Eastern Indian Ocean Upwelling: Local versus Remote Forcing. <i>Journal of Physical Oceanography</i> , 2016, 46, 789-807.	1.7	94
125	Observed characteristics of atmospheric ducts over the South China Sea in autumn. <i>Chinese Journal of Oceanology and Limnology</i> , 2016, 34, 619-628.	0.7	13
126	Synoptic-scale characteristics and atmospheric controls of summer heat waves in China. <i>Climate Dynamics</i> , 2016, 46, 2923-2941.	3.8	147

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127	Statistical characteristics of the surface ducts over the South China Sea from GPS radiosonde data. <i>Acta Oceanologica Sinica</i> , 2015, 34, 63-70.	1.0	6
128	Interannual variability of the Indonesian throughflow transport: A revisit based on 30 year expendable bathythermograph data. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 8270-8282.	2.6	109
129	Marine seismic observation of internal solitary wave packets in the northeast South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 8487-8503.	2.6	21
130	Precursor synoptic-scale disturbances associated with tropical cyclogenesis in the South China Sea during 2000–2011. <i>International Journal of Climatology</i> , 2015, 35, 3454-3470.	3.5	13
131	Ocean acoustic tomography from different receiver geometries using the adjoint method. <i>Journal of the Acoustical Society of America</i> , 2015, 138, 3733-3741.	1.1	6
132	Observed deep energetic eddies by seamount wake. <i>Scientific Reports</i> , 2015, 5, 17416.	3.3	48
133	Dynamic of the upper cross-isobath's flow on the northern South China Sea in summer. <i>Aquatic Ecosystem Health and Management</i> , 2015, 18, 357-366.	0.6	11
134	A case study of the near-inertial oscillations near the Xisha Islands in the South China Sea during the passage of typhoon Conson 2010. <i>Aquatic Ecosystem Health and Management</i> , 2015, 18, 367-377.	0.6	6
135	Anomalous Tropical Cyclone Activity in the Western North Pacific in August 2014. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, S120-S125.	3.3	12
136	Seasonal flux variability of planktonic foraminifera during 2009–2011 in a sediment trap from Xisha Trough, South China Sea. <i>Aquatic Ecosystem Health and Management</i> , 2015, 18, 403-413.	0.6	5
137	Contrasting dynamic characteristics of shear turbulence and Langmuir circulation in the surface mixed layer. <i>Acta Oceanologica Sinica</i> , 2015, 34, 1-11.	1.0	2
138	Intraseasonal variability of upwelling in the equatorial eastern Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 7598-7615.	2.6	42
139	Mesoscale eddies cases study at Xisha waters in the South China Sea in 2009/2010. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 517-532.	2.6	36
140	Observed enhanced internal tides in winter near the Luzon Strait. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 6637-6652.	2.6	19
141	Characteristics of the Near-Surface Currents in the Indian Ocean as Deduced from Satellite-Tracked Surface Drifters. Part II: Lagrangian Statistics. <i>Journal of Physical Oceanography</i> , 2015, 45, 459-477.	1.7	13
142	Seasonal-to-Interannual Time-Scale Dynamics of the Equatorial Undercurrent in the Indian Ocean. <i>Journal of Physical Oceanography</i> , 2015, 45, 1532-1553.	1.7	91
143	Primary nitrite maximum in the euphotic layer near the Xisha Islands, South China Sea. <i>Aquatic Ecosystem Health and Management</i> , 2015, 18, 414-423.	0.6	2
144	An observed cyclonic eddy associated with boundary current in the northwestern South China Sea. <i>Aquatic Ecosystem Health and Management</i> , 2015, 18, 454-461.	0.6	1

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145	The baseline of coral reef water quality in Xisha Islands waters of South China Sea under southwest monsoon. <i>Aquatic Ecosystem Health and Management</i> , 2015, 18, 424-432.	0.6	4
146	Characteristics of the Near-Surface Currents in the Indian Ocean as Deduced from Satellite-Tracked Surface Drifters. Part I: Pseudo-Eulerian Statistics. <i>Journal of Physical Oceanography</i> , 2015, 45, 441-458.	1.7	37
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