

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
g-index

314
all docs

314
docs citations

314
times ranked

4739
citing authors

#	ARTICLE	IF	CITATIONS
1	Summer upwelling in the South China Sea and its role in regional climate variations. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	445
2	Interaction of a river plume with coastal upwelling in the northeastern South China Sea. <i>Continental Shelf Research</i> , 2009, 29, 728-740.	1.8	227
3	Connecting the tropical Pacific with Indian Ocean through South China Sea. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	159
4	Interannual variability of the South China Sea associated with El Niño. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	153
5	Synoptic-scale characteristics and atmospheric controls of summer heat waves in China. <i>Climate Dynamics</i> , 2016, 46, 2923-2941.	3.8	147
6	Interannual variability of the South China Sea throughflow inferred from wind data and an ocean data assimilation product. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	140
7	The features and interannual variability mechanism of mesoscale eddies in the Bay of Bengal. <i>Continental Shelf Research</i> , 2012, 47, 178-185.	1.8	136
8	Anticyclonic eddies in the northeastern South China Sea during winter 2003/2004. <i>Journal of Oceanography</i> , 2008, 64, 925-935.	1.7	129
9	Intraseasonal variability in the summer South China Sea: Wind jet, cold filament, and recirculations. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	117
10	Three long-lived anticyclonic eddies in the northern South China Sea. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	116
11	Eddy heat and salt transports in the South China Sea and their seasonal modulations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	110
12	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
13	Phytoplankton blooms near the Pearl River Estuary induced by Typhoon Nuri. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	105
14	Phytoplankton community at warm eddies in the northern South China Sea in winter 2003/2004. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 1792-1798.	1.4	105
15	Intraseasonal variability in sea surface height over the South China Sea. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	102
16	Dynamics of the buoyant plume off the Pearl River Estuary in summer. <i>Environmental Fluid Mechanics</i> , 2009, 9, 471-492.	1.6	98
17	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
18	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

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19	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
20	Seasonal variability of thermal fronts in the northern South China Sea from satellite data. <i>Geophysical Research Letters</i> , 2001, 28, 3963-3966.	4.0	85
21	An exceptional anticyclonic eddy in the South China Sea in 2010. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 881-897.	2.6	85
22	Meridional overturning circulation in the South China Sea envisioned from the high-resolution global reanalysis data GLBa0.08. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 3012-3028.	2.6	85
23	Teleconnected influence of North Atlantic sea surface temperature on the El Niño onset. <i>Climate Dynamics</i> , 2011, 37, 663-676.	3.8	83
24	Observed near-inertial kinetic energy in the northwestern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 4965-4977.	2.6	77
25	Winter Northern Hemisphere surface air temperature variability associated with the Arctic Oscillation and North Atlantic Oscillation. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	76
26	ENSO-induced interannual variability in the southeastern South China Sea. <i>Journal of Oceanography</i> , 2011, 67, 127-133.	1.7	76
27	A general circulation model study of the dynamics of the upper ocean circulation of the South China Sea. <i>Journal of Geophysical Research</i> , 2002, 107, 22-1.	3.3	74
28	Origins of Eddy Kinetic Energy in the Bay of Bengal. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 2097-2115.	2.6	73
29	Observations and numerical modeling of the Pearl River plume in summer season. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 2480-2500.	2.6	71
30	Weakening of the Kuroshio Intrusion into the South China Sea over the Past Two Decades. <i>Journal of Climate</i> , 2013, 26, 8097-8110.	3.2	70
31	The 4-D structure of upwelling and Pearl River plume in the northern South China Sea during summer 2008 revealed by a data assimilation model. <i>Ocean Modelling</i> , 2011, 36, 228-241.	2.4	69
32	Relative contributions of local wind and topography to the coastal upwelling intensity in the northern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 2550-2567.	2.6	67
33	Numerical investigation on propulsion of the counter-wind current in the northern South China Sea in winter. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 1206-1221.	1.4	66
34	On Changing El Niño: A View from Time-Varying Annual Cycle, Interannual Variability, and Mean State. <i>Journal of Climate</i> , 2011, 24, 6486-6500.	3.2	65
35	Depositional characteristics and processes of alongslope currents related to a seamount on the northwestern margin of the Northwest Sub-Basin, South China Sea. <i>Marine Geology</i> , 2014, 355, 36-53.	2.1	64
36	Low-frequency sea level variability in the southern Indian Ocean and its impacts on the oceanic meridional transports. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 1302-1315.	2.6	63

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37	Modern transport and deposition of settling particles in the northern South China Sea: Sediment trap evidence adjacent to Xisha Trough. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 93, 145-155.	1.4	62
38	Mean seasonal cycle of isothermal depth in the South China Sea. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	58
39	Decadal variability of twentieth-century El Niño and La Niña occurrence from observations and IPCC AR4 coupled models. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	58
40	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
41	Progress of regional oceanography study associated with western boundary current in the South China Sea. <i>Science Bulletin</i> , 2013, 58, 1205-1215.	1.7	57
42	Freshening in the South China Sea during 2012 revealed by Aquarius and in situ data. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 8296-8314.	2.6	56
43	Comparison of the impact of two types of El Niño on tropical cyclone genesis over the South China Sea. <i>International Journal of Climatology</i> , 2014, 34, 2651-2660.	3.5	55
44	Thermal variations in the South China Sea associated with the eastern and central Pacific El Niño events and their mechanisms. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 8955-8972.	2.6	55
45	Connection between the decadal variability in the Southern Ocean circulation and the Southern Annular Mode. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	54
46	Evolution of an anticyclonic eddy southwest of Taiwan. <i>Ocean Dynamics</i> , 2013, 63, 519-531.	2.2	54
47	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
48	On the role of wind and tide in generating variability of Pearl River plume during summer in a coupled wide estuary and shelf system. <i>Journal of Marine Systems</i> , 2014, 136, 65-79.	2.1	53
49	A high-resolution study of particle export in the southern South China Sea based on ²³⁸ Th/ ²³⁸ U disequilibrium. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	52
50	Impact of intraseasonal oscillation on the tropical cyclone track in the South China Sea. <i>Climate Dynamics</i> , 2015, 44, 1505-1519.	3.8	51
51	Carbon pools and fluxes in the China Seas and adjacent oceans. <i>Science China Earth Sciences</i> , 2018, 61, 1535-1563.	5.2	51
52	The 1997–1998 warm event in the South China Sea. <i>Science Bulletin</i> , 2002, 47, 1221-1227.	1.7	50
53	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
54	Observed deep energetic eddies by seamount wake. <i>Scientific Reports</i> , 2015, 5, 17416.	3.3	48

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55	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
56	Eastern Pacific ITCZ Dipole and ENSO Diversity. <i>Journal of Climate</i> , 2018, 31, 4449-4462.	3.2	48
57	3-6 Months Variation of Sea Surface Height in the South China Sea and Its Adjacent Ocean. <i>Journal of Oceanography</i> , 2001, 57, 69-78.	1.7	47
58	Numerical study on salinity stratification in the Pamlico River Estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 80, 74-84.	2.1	47
59	Intraseasonal variability of latent-heat flux in the South China Sea. <i>Theoretical and Applied Climatology</i> , 2009, 97, 53-64.	2.8	47
60	An analysis of the current deflection around Dongsha Islands in the northern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 490-501.	2.6	47
61	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
62	Analysis of deep-layer and bottom circulations in the South China Sea based on eight quasi-global ocean model outputs. <i>Science Bulletin</i> , 2013, 58, 4000-4011.	1.7	46
63	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
64	Effects of the East Asian summer monsoon on tropical cyclone genesis over the South China Sea on an interdecadal time scale. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 249-262.	4.3	44
65	Coupled ocean-atmosphere dynamics of the 2017 extreme coastal El Niño. <i>Nature Communications</i> , 2019, 10, 298.	12.8	44
66	Two phytoplankton blooms near Luzon Strait generated by lingering Typhoon Parma. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 412-421.	3.0	42
67	Intraseasonal variability of upwelling in the equatorial eastern Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 7598-7615.	2.6	42
68	Estimation of Phytoplankton Responses to Hurricane Gonu over the Arabian Sea Based on Ocean Color Data. <i>Sensors</i> , 2008, 8, 4878-4893.	3.8	41
69	A case study of near-inertial oscillation in the South China Sea using mooring observations and satellite altimeter data. <i>Journal of Oceanography</i> , 2011, 67, 677-687.	1.7	41
70	Atmospheric Water Vapor Transport Associated with Two Decadal Rainfall Shifts over East China. <i>Journal of the Meteorological Society of Japan</i> , 2012, 90, 587-602.	1.8	41
71	Interdecadal modulation of the influence of La Niña events on mei-yu rainfall over the Yangtze River valley. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 157-168.	4.3	41
72	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

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73	A 28-year climatological analysis of size parameters for Northwestern Pacific tropical cyclones. <i>Advances in Atmospheric Sciences</i> , 2007, 24, 24-34.	4.3	40
74	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
75	Interplay between the Indonesian Throughflow and the South China Sea Throughflow. <i>Science Bulletin</i> , 2006, 51, 50-58.	1.7	39
76	The role of Equatorial Undercurrent in sustaining the Eastern Indian Ocean upwelling. <i>Geophysical Research Letters</i> , 2016, 43, 6444-6451.	4.0	38
77	Pathways of mesoscale variability in the South China Sea. <i>Chinese Journal of Oceanology and Limnology</i> , 2010, 28, 1055-1067.	0.7	37
78	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
79	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
80	Potential impact of the Pacific Decadal Oscillation and sea surface temperature in the tropical Indian Oceanâ€œWestern Pacific on the variability of typhoon landfall on the China coast. <i>Climate Dynamics</i> , 2018, 51, 2695-2705.	3.8	37
81	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
82	Toward a Mesoscale Hydrological and Marine Meteorological Observation Network in the South China Sea. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 1117-1135.	3.3	36
83	Surface warmingâ€œinduced global acceleration of upper ocean currents. <i>Science Advances</i> , 2022, 8, eabj8394.	10.3	36
84	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
85	Statistical modeling and CMIP5 simulations of hot spell changes in China. <i>Climate Dynamics</i> , 2015, 44, 2859-2872.	3.8	34
86	A model study of Luzon cold eddies in the northern South China Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 97, 107-123.	1.4	34
87	Advances in research of the mid-deep South China Sea circulation. <i>Science China Earth Sciences</i> , 2019, 62, 1992-2004.	5.2	34
88	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
89	Evaluation of a satellite-derived latent heat flux product in the South China Sea: A comparison with moored buoy data and various products. <i>Atmospheric Research</i> , 2009, 94, 91-105.	4.1	32
90	Different roles of Ekman pumping in the west and east segments of the South China Sea Warm Current. <i>Acta Oceanologica Sinica</i> , 2011, 30, 1-13.	1.0	32

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91	Implication of the South China Sea throughflow for the interannual variability of the regional upper-ocean heat content. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 54-62.	4.3	32
92	Validation and application of MODIS-derived SST in the South China Sea. <i>International Journal of Remote Sensing</i> , 2014, 35, 4315-4328.	2.9	32
93	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
94	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
95	Barrier layer in the South China Sea during summer 2000. <i>Dynamics of Atmospheres and Oceans</i> , 2009, 47, 38-54.	1.8	31
96	Investigation of saltwater intrusion and salinity stratification in winter of 2007/2008 in the Zhujiang River Estuary in China. <i>Acta Oceanologica Sinica</i> , 2012, 31, 31-46.	1.0	31
97	Seasonal variability in coastal fronts and its influence on sea surface wind in the Northern South China Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 119, 30-39.	1.4	31
98	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
99	Diurnal variations of precipitation over the South China Sea. <i>Meteorology and Atmospheric Physics</i> , 2010, 109, 33-46.	2.0	30
100	Assimilating remote sensing and in situ observations into a coastal model of northern South China Sea using ensemble Kalman filter. <i>Continental Shelf Research</i> , 2011, 31, S24-S36.	1.8	30
101	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
102	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
103	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
104	Severe Ice Conditions in the Bohai Sea, China, and Mild Ice Conditions in the Great Lakes during the 2009/10 Winter: Links to El Niño and a Strong Negative Arctic Oscillation. <i>Journal of Applied Meteorology and Climatology</i> , 2011, 50, 1922-1935.	1.5	29
105	Coastal upwelling in summer 2000 in the northeastern South China Sea. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	28
106	Comparison between MM5 simulations and satellite measurements during Typhoon Chanchu (2006) in the South China Sea. <i>Acta Oceanologica Sinica</i> , 2012, 31, 33-44.	1.0	28
107	Statistical estimations of atmospheric duct over the South China Sea and the tropical eastern Indian Ocean. <i>Science Bulletin</i> , 2013, 58, 2794-2797.	1.7	28
108	Density stratification influences on generation of different modes internal solitary waves. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 7029-7046.	2.6	28

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109	Deep Sea Currents Driven by Breaking Internal Tides on the Continental Slope. <i>Geophysical Research Letters</i> , 2018, 45, 6160-6166.	4.0	28
110	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
111	The pathway of the interdecadal variability in the Pacific Ocean. <i>Science Bulletin</i> , 2000, 45, 1555-1561.	1.7	26
112	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
113	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
114	Establishment and adjustment of monsoon-driven circulation in the South China Sea. <i>Science in China Series D: Earth Sciences</i> , 2003, 46, 173-181.	0.9	25
115	Performance of four sea surface temperature assimilation schemes in the South China Sea. <i>Continental Shelf Research</i> , 2009, 29, 1489-1501.	1.8	25
116	Dynamic and thermal responses of the Kuroshio to typhoon Megi (2004). <i>Geophysical Research Letters</i> , 2014, 41, 8495-8502.	4.0	25
117	Monthly variation of some parameters about internal solitary waves in the South China sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 84, 73-85.	1.4	25
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	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
120	Inter-annual variability of hypoxic conditions in a shallow estuary. <i>Journal of Marine Systems</i> , 2008, 73, 169-184.	2.1	24
121	Covariation of the Indonesian throughflow and South China Sea throughflow associated with the 1976/77 regime shift. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 87-94.	4.3	24
122	Simulating the 1998 spring bloom in Lake Michigan using a coupled physical-biological model. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	24
123	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
124	Intraseasonal Variability of the Equatorial Undercurrent in the Indian Ocean. <i>Journal of Physical Oceanography</i> , 2019, 49, 85-101.	1.7	24
125	Validation of AVHRR and TMI-derived sea surface temperature in the northern South China Sea. <i>Continental Shelf Research</i> , 2009, 29, 2358-2366.	1.8	23
126	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

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127	Upper ocean near-inertial response to 1998 Typhoon Faith in the South China Sea. <i>Acta Oceanologica Sinica</i> , 2012, 31, 25-32.	1.0	22
128	Contribution of the Karimata Strait transport to the Indonesian Throughflow as seen from a data assimilation model. <i>Continental Shelf Research</i> , 2015, 92, 16-22.	1.8	22
129	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
130	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
131	Numerical simulation of the structure and variation of upwelling off the east coast of Hainan Island using QuikSCAT winds. <i>Chinese Journal of Oceanology and Limnology</i> , 2012, 30, 1068-1081.	0.7	21
132	The impacts of the summer Asian Jet Stream biases on surface air temperature in mid-eastern China in IPCC AR4 models. <i>International Journal of Climatology</i> , 2013, 33, 265-276.	3.5	21
133	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
134	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
135	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
136	Validation of Satellite-Derived Daily Latent Heat Flux over the South China Sea, Compared with Observations and Five Products. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 1820-1832.	1.3	20
137	Seismic, satellite and site observations of internal solitary waves in the NE South China Sea. <i>Scientific Reports</i> , 2014, 4, 5374.	3.3	20
138	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
139	Energetic Topographic Rossby Waves in the Northern South China Sea. <i>Journal of Physical Oceanography</i> , 2019, 49, 2697-2714.	1.7	20
140	Summer surface layer thermal response to surface gravity waves in the Yellow Sea. <i>Ocean Dynamics</i> , 2012, 62, 983-1000.	2.2	19
141	Impact of tropical cyclone development on the instability of South Asian High and the summer monsoon onset over Bay of Bengal. <i>Climate Dynamics</i> , 2013, 41, 2603-2616.	3.8	19
142	Effects of the Pearl River plume on the vertical structure of coastal currents in the Northern South China Sea during summer 2008. <i>Ocean Dynamics</i> , 2014, 64, 1743-1752.	2.2	19
143	Observed enhanced internal tides in winter near the Luzon Strait. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 6637-6652.	2.6	19
144	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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145	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
146	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
147	Decadal variability of heat content in the South China Sea inferred from observation data and an ocean data assimilation product. <i>Ocean Science</i> , 2014, 10, 135-139.	3.4	18
148	Hydrographic field investigations in the Northern South China Sea by open cruises during 2004–2013. <i>Science Bulletin</i> , 2015, 60, 607-615.	9.0	18
149	Nonlinear Meridional Moisture Advection and the ENSO–Southern China Rainfall Teleconnection. <i>Geophysical Research Letters</i> , 2018, 45, 4353-4360.	4.0	18
150	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
151	The assimilation experiment in the southwestern South China Sea in summer 2000. <i>Science Bulletin</i> , 2006, 51, 31-37.	1.7	17
152	Evaluation of a 3dVAR system for the South China Sea. <i>Progress in Natural Science: Materials International</i> , 2008, 18, 547-554.	4.4	17
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