

Lili Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

3,504
citations

136740

32
h-index

149479

56
g-index

81
all docs

81
docs citations

81
times ranked

1648
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.	1.7	3
2	Properties and Drivers of Marine Heat Waves in the Northern South China Sea. <i>Journal of Physical Oceanography</i> , 2022, 52, 917-927.	0.7	23
3	Southern China Winter Rainfall Modulated by South China Sea Warming. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	10
4	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, .	1.0	7
5	Multi-decadal changes in the South China Sea mixed layer salinity. <i>Climate Dynamics</i> , 2021, 57, 435-449.	1.7	4
6	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.	1.7	3
7	What Role Does the Barrier Layer Play During Extreme El Niño Events?. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017001.	1.0	5
8	How Much Heat and Salt Are Transported Into the South China Sea by Mesoscale Eddies?. <i>Earth's Future</i> , 2021, 9, e2020EF001857.	2.4	7
9	Features of Intraseasonal Variability Observed in the Upper-Layer Current in the Northern South China Sea. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	2
10	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.	1.7	30
11	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.	1.7	27
12	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.	1.5	31
13	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.	0.6	2
14	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.	1.2	13
15	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.	1.5	23
16	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.	1.2	21
17	Interannual variation of the South China Sea circulation during winter: intensified in the southern basin. <i>Climate Dynamics</i> , 2019, 52, 1917-1933.	1.7	30
18	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.	1.0	16

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19	Eddy-induced Transport of Saline Kuroshio Water Into the Northern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 6673-6687.	1.0	32
20	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.	1.7	19
21	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.	0.5	3
22	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.	1.2	9
23	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.	1.7	24
24	Mixed Layer Heat Variations in the South China Sea Observed by Argo Float and Reanalysis Data during 2012-2015. <i>Sustainability</i> , 2019, 11, 5429.	1.6	8
25	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.	2.3	41
26	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.	1.0	15
27	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.	0.9	4
28	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.	1.5	37
29	Nonlinear Meridional Moisture Advection and the ENSO-Southern China Rainfall Teleconnection. <i>Geophysical Research Letters</i> , 2018, 45, 4353-4360.	1.5	18
30	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.	1.7	32
31	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.	1.2	14
32	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.	1.2	12
33	Biases of five latent heat flux products and their impacts on mixed-layer temperature estimates in the South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 5088-5104.	1.0	18
34	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.	1.7	26
35	Evaluation of Satellite-Altimetry-Derived Pycnocline Depth Products in the South China Sea. <i>Remote Sensing</i> , 2017, 9, 822.	1.8	2
36	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.	1.0	35

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37	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.	1.5	33
38	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.	0.6	25
39	SCSPOD14, a South China Sea physical oceanographic dataset derived from in situ measurements during 1919–2014. <i>Scientific Data</i> , 2016, 3, 160029.	2.4	58
40	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.	2.3	7
41	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.	0.3	11
42	Observation and numerical simulation of the marine meteorology elements and air-sea fluxes at Yongxing Island in September 2013. <i>Aquatic Ecosystem Health and Management</i> , 2015, 18, 394-402.	0.3	6
43	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.	1.0	36
44	Distribution of living radiolarians in spring in the South China Sea and its responses to environmental factors. <i>Science China Earth Sciences</i> , 2015, 58, 270-285.	2.3	13
45	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.	0.6	31
46	Intercomparison of GPS radiosonde soundings during the eastern tropical Indian Ocean experiment. <i>Acta Oceanologica Sinica</i> , 2014, 33, 127-134.	0.4	16
47	An exceptional anticyclonic eddy in the South China Sea in 2010. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 881-897.	1.0	85
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.	0.9	53
49	Thermal variations in the South China Sea associated with the eastern and central Pacific IANAO events and their mechanisms. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 8955-8972.	1.0	55
50	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.	1.0	56
51	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.	1.0	85
52	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
53	Evolution of an anticyclonic eddy southwest of Taiwan. <i>Ocean Dynamics</i> , 2013, 63, 519-531.	0.9	54
54	Weakening of the Kuroshio Intrusion into the South China Sea over the Past Two Decades. <i>Journal of Climate</i> , 2013, 26, 8097-8110.	1.2	70

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55	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.	1.0	47
56	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
57	The South China Sea throughflow: linkage with local monsoon system and impact on upper thermal structure of the ocean. <i>Chinese Journal of Oceanology and Limnology</i> , 2012, 30, 1001-1009.	0.7	7
58	Freshening of the intermediate water of the South China Sea between the 1960s and the 1980s. <i>Chinese Journal of Oceanology and Limnology</i> , 2012, 30, 1010-1015.	0.7	12
59	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.	1.9	32
60	Three long-lived anticyclonic eddies in the northern South China Sea. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	116
61	ENSO-induced interannual variability in the southeastern South China Sea. <i>Journal of Oceanography</i> , 2011, 67, 127-133.	0.7	76
62	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.	0.4	32
63	Pathways of mesoscale variability in the South China Sea. <i>Chinese Journal of Oceanology and Limnology</i> , 2010, 28, 1055-1067.	0.7	37
64	Mesoscale structure of the central South China Sea detected by SCSMEX Buoy and Argo float. <i>Chinese Journal of Oceanology and Limnology</i> , 2010, 28, 1102-1111.	0.7	6
65	Intraseasonal variability in sea surface height over the South China Sea. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	102
66	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.	0.6	66
67	Intraseasonal variability of latent-heat flux in the South China Sea. <i>Theoretical and Applied Climatology</i> , 2009, 97, 53-64.	1.3	47
68	Marine meteorology research progress of China from 2003 to 2006. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 17-30.	1.9	3
69	SURFACE PATTERN OF THE SOUTH CHINA SEA WESTERN BOUNDARY CURRENT IN WINTER. , 2009, , 99-107.		5
70	Anticyclonic eddies in the northeastern South China Sea during winter 2003/2004. <i>Journal of Oceanography</i> , 2008, 64, 925-935.	0.7	129
71	Mean seasonal cycle of isothermal depth in the South China Sea. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	58
72	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

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73	Interannual variability of the South China Sea associated with El Niño. Journal of Geophysical Research, 2006, 111, .	3.3	153
74	Interannual variability of the South China Sea throughflow inferred from wind data and an ocean data assimilation product. Geophysical Research Letters, 2006, 33, .	1.5	140
75	Interplay between the Indonesian Throughflow and the South China Sea Throughflow. Science Bulletin, 2006, 51, 50-58.	1.7	39
76	Connecting the tropical Pacific with Indian Ocean through South China Sea. Geophysical Research Letters, 2005, 32, .	1.5	159
77	Summer upwelling in the South China Sea and its role in regional climate variations. Journal of Geophysical Research, 2003, 108, .	3.3	445
78	A general circulation model study of the dynamics of the upper ocean circulation of the South China Sea. Journal of Geophysical Research, 2002, 107, 22-1.	3.3	74
79	The 1997-1998 warm event in the South China Sea. Science Bulletin, 2002, 47, 1221-1227.	1.7	50
80	Seasonal variability of thermal fronts in the northern South China Sea from satellite data. Geophysical Research Letters, 2001, 28, 3963-3966.	1.5	85