

Zhiyou Jing

List of Publications by Year in descending order

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32
papers

769
citations

623734

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526287

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33
all docs

33
docs citations

33
times ranked

738
citing authors

#	ARTICLE	IF	CITATIONS
1	Submesoscale Ageostrophic Motions Within and Below the Mixed Layer of the Northwestern Pacific Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	13
2	Submesoscale motions and their seasonality in the northern Bay of Bengal. <i>Acta Oceanologica Sinica</i> , 2022, 41, 1-13.	1.0	3
3	Surface available gravitational potential energy in the world oceans. <i>Acta Oceanologica Sinica</i> , 2022, 41, 40-56.	1.0	0
4	Trend in fishing activity in the open South China Sea estimated from remote sensing of the lights used at night by fishing vessels. <i>ICES Journal of Marine Science</i> , 2022, 79, 230-241.	2.5	7
5	Enhanced Diapycnal Mixing in the Deep Ocean Around the Island of Taiwan. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	1
6	Effects of symmetric instability in the Kuroshio Extension region in winter. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2022, 202, 105142.	1.4	1
7	Submesoscale-enhanced filaments and frontogenetic mechanism within mesoscale eddies of the South China Sea. <i>Acta Oceanologica Sinica</i> , 2022, 41, 42-53.	1.0	2
8	High-resolution simulation of upper-ocean submesoscale variability in the South China Sea: Spatial and seasonal dynamical regimes. <i>Acta Oceanologica Sinica</i> , 2022, 41, 26-41.	1.0	4
9	Submesoscale Fronts and Their Dynamical Processes Associated with Symmetric Instability in the Northwest Pacific Subtropical Ocean. <i>Journal of Physical Oceanography</i> , 2021, 51, 83-100.	1.7	37
10	Submesoscale Eddies in the Upper Ocean of the Kuroshio Extension from High-resolution Simulation: Energy Budget. <i>Journal of Physical Oceanography</i> , 2021, , .	1.7	17
11	Diapycnal Mixing in the Subthermocline of the Mariana Ridge from High-Resolution Seismic Images. <i>Journal of Physical Oceanography</i> , 2021, 51, 1283-1300.	1.7	8
12	Upwelling velocity and ventilation in the western South China Sea deduced from CFC-12 and SF ₆ observations. <i>Journal of Marine Research</i> , 2021, 79, 1-25.	0.3	0
13	Submesoscale Features and Turbulent Mixing of an Oblique Anticyclonic Eddy in the Gulf of Alaska Investigated by Marine Seismic Survey Data. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015393.	2.6	25
14	Submesoscale Flows Associated with Convergent Strain in an Anticyclonic Eddy of the Kuroshio Extension: A High-resolution Numerical Study. <i>Ocean Science Journal</i> , 2020, 55, 249-264.	1.3	10
15	Seasonal and Spatial Features of Barotropic and Baroclinic Tides in the Northwestern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2018JC014860.	2.6	10
16	Dynamical analysis of submesoscale fronts associated with wind-forced offshore jet in the western South China Sea. <i>Acta Oceanologica Sinica</i> , 2020, 39, 1-12.	1.0	22
17	Synechococcus bloom in the Pearl River Estuary and adjacent coastal area—“With special focus on flooding during wet seasons. <i>Science of the Total Environment</i> , 2019, 692, 769-783.	8.0	29
18	Upper ocean near-inertial response to the passage of two sequential typhoons in the northwestern South China Sea. <i>Science China Earth Sciences</i> , 2019, 62, 863-871.	5.2	10

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19	Scale Transition From Geostrophic Motions to Internal Waves in the Northern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 9364-9383.	2.6	25
20	Satellite observations of sub-mesoscale vortex trains in the western boundary of the South China Sea. <i>Journal of Marine Systems</i> , 2018, 183, 56-62.	2.1	13
21	Distribution of picoplankton in the northeastern South China Sea with special reference to the effects of the Kuroshio intrusion and the associated mesoscale eddies. <i>Science of the Total Environment</i> , 2017, 589, 1-10.	8.0	48
22	Spatial and seasonal distributions of bacterioplankton in the Pearl River Estuary: The combined effects of riverine inputs, temperature, and phytoplankton. <i>Marine Pollution Bulletin</i> , 2017, 125, 199-207.	5.0	50
23	Comparison and validation of global and regional ocean forecasting systems for the South China Sea. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 1639-1655.	3.6	12
24	Seasonal thermal fronts on the northern South China Sea shelf: Satellite measurements and three repeated field surveys. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 1914-1930.	2.6	31
25	Summer upwelling and thermal fronts in the northwestern South China Sea: Observational analysis of two mesoscale mapping surveys. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 1993-2006.	2.6	50
26	Seasonal characteristics of internal tides and their responses to background currents in the Luzon Strait. <i>Acta Oceanologica Sinica</i> , 2015, 34, 46-54.	1.0	5
27	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
28	Enhancement of eddy-Ekman pumping inside anticyclonic eddies with wind-parallel extension: Satellite observations and numerical studies in the South China Sea. <i>Journal of Marine Systems</i> , 2014, 132, 150-161.	2.1	15
29	Coral bleaching caused by an abnormal water temperature rise at Luhuitou fringing reef, Sanya Bay, China. <i>Aquatic Ecosystem Health and Management</i> , 2012, 15, 227-233.	0.6	41
30	Persistent upwelling and front over the Sulu Ridge and their variations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	8
31	Upwelling in the continental shelf of northern South China Sea associated with 1997-1998 El Niño. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	87
32	Numerical study on the summer upwelling system in the northern continental shelf of the South China Sea. <i>Continental Shelf Research</i> , 2009, 29, 467-478.	1.8	183