Ke Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1869363/publications.pdf

Version: 2024-02-01

24	710	687363 13	580821 25
papers	citations	h-index	g-index

26	26	26	783
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Support for the Slope Sea as a major spawning ground for Atlantic bluefin tuna: evidence from larval abundance, growth rates, and particle-tracking simulations. Canadian Journal of Fisheries and Aquatic Sciences, 2022, 79, 814-824.	1.4	7
2	Mesoscale and Submesoscale Shelfâ€Ocean Exchanges Initialize an Advective Marine Heatwave. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	6
3	Diverse Variability of Surface Chlorophyll During the Evolution of Gulf Stream Rings. Geophysical Research Letters, 2021, 48, e2020GL091461.	4.0	7
4	Drivers of Marine Heatwaves in the Northwest Atlantic: The Role of Airâ€“Sea Interaction During Onset and Decline. Frontiers in Marine Science, 2021, 8, .	2.5	39
5	The Role of Wind Stress in Driving the Alongâ€Shelf Flow in the Northwest Atlantic Ocean. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016757.	2.6	5
6	Seasonal Prediction of Bottom Temperature on the Northeast U.S. Continental Shelf. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017187.	2.6	14
7	Unusual Crossâ€Shelf Transport Driven by the Changes of Wind Pattern in a Marginal Sea. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017526.	2.6	2
8	Longâ€Term SST Variability on the Northwest Atlantic Continental Shelf and Slope. Geophysical Research Letters, 2020, 47, e2019GL085455.	4.0	35
9	Editorial: Advances in Understanding Marine Heatwaves and Their Impacts. Frontiers in Marine Science, 2020, 7, .	2.5	36
10	Seasonal-to-interannual prediction of North American coastal marine ecosystems: Forecast methods, mechanisms of predictability, and priority developments. Progress in Oceanography, 2020, 183, 102307.	3.2	61
11	On the Vertical Velocity and Nutrient Delivery in Warm Core Rings. Journal of Physical Oceanography, 2020, 50, 1557-1582.	1.7	12
12	Investigating the suitability of the Slope Sea for Atlantic bluefin tuna spawning using a high-resolution ocean circulation model. ICES Journal of Marine Science, 2019, 76, 1666-1677.	2.5	10
13	Influence of the Kuroshio Interannual Variability on the Summertime Precipitation over the East China Sea and Adjacent Area. Journal of Climate, 2019, 32, 2185-2205.	3.2	12
14	Characteristics of an Advective Marine Heatwave in the Middle Atlantic Bight in Early 2017. Frontiers in Marine Science, 2019, 6, .	2.5	45
15	The Interannual Variability of the Breakdown of Fall Stratification on the New Jersey Shelf. Journal of Geophysical Research: Oceans, 2018, 123, 6503-6520.	2.6	7
16	Atmospheric and Offshore Forcing of Temperature Variability at the Shelf Break. Oceanography, 2018, 31, 72-79.	1.0	18
17	Does Pacific Variability Influence the Northwest Atlantic Shelf Temperature?. Journal of Geophysical Research: Oceans, 2018, 123, 4110-4131.	2.6	8
18	Interannual variability of winterâ€spring temperature in the Middle Atlantic Bight: Relative contributions of atmospheric and oceanic processes. Journal of Geophysical Research: Oceans, 2016, 121, 4209-4227.	2.6	18

#	Article	IF	Citations
19	The role of atmospheric forcing versus ocean advection during the extreme warming of the Northeast U.S. continental shelf in 2012. Journal of Geophysical Research: Oceans, 2015, 120, 4324-4339.	2.6	89
20	Variational data assimilative modeling of the <scp>G</scp>ulf of <scp>M</scp>aine in spring and summer 2010. Journal of Geophysical Research: Oceans, 2015, 120, 3522-3541.	2.6	10
21	Diagnosing the warming of the Northeastern U.S. Coastal Ocean in 2012: A linkage between the atmospheric jet stream variability and ocean response. Journal of Geophysical Research: Oceans, 2014, 119, 218-227.	2.6	154
22	Data assimilative modeling investigation of Gulf Stream Warm Core Ring interaction with continental shelf and slope circulation. Journal of Geophysical Research: Oceans, 2014, 119, 5968-5991.	2.6	50
23	Numerical Investigation of the Middle Atlantic Bight Shelfbreak Frontal Circulation Using a High-Resolution Ocean Hindcast Model. Journal of Physical Oceanography, 2010, 40, 949-964.	1.7	46
24	Mesoscale variations of sea surface temperature and ocean color patterns at the Midâ€Atlantic Bight shelfbreak. Geophysical Research Letters, 2010, 37, .	4.0	17