Ke Chen

List of Publications by Year
in descending order

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

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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	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
2	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
3	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
4	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
5	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
6	Characteristics of an Advective Marine Heatwave in the Middle Atlantic Bight in Early 2017. Frontiers in Marine Science, 2019, 6, .	2.5	45
7	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
8	Editorial: Advances in Understanding Marine Heatwaves and Their Impacts. Frontiers in Marine Science, 2020, 7, .	2.5	36
9	Longâ€Term SST Variability on the Northwest Atlantic Continental Shelf and Slope. Geophysical Research Letters, 2020, 47, e2019GL085455.	4.0	35
10	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
11	Atmospheric and Offshore Forcing of Temperature Variability at the Shelf Break. Oceanography, 2018, 31, 72-79.	1.0	18
12	Mesoscale variations of sea surface temperature and ocean color patterns at the Midâ€Atlantic Bight shelfbreak. Geophysical Research Letters, 2010, 37, .	4.0	17
13	Seasonal Prediction of Bottom Temperature on the Northeast U.S. Continental Shelf. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017187.	2.6	14
14	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
15	On the Vertical Velocity and Nutrient Delivery in Warm Core Rings. Journal of Physical Oceanography, 2020, 50, 1557-1582.	1.7	12
16	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
17	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
18	Does Pacific Variability Influence the Northwest Atlantic Shelf Temperature?. Journal of Geophysical Research: Oceans, 2018, 123, 4110-4131.	2.6	8

#	Article	IF	Citations
19	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
20	Diverse Variability of Surface Chlorophyll During the Evolution of Gulf Stream Rings. Geophysical Research Letters, 2021, 48, e2020GL091461.	4.0	7
21	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
22	Mesoscale and Submesoscale Shelfâ€Ocean Exchanges Initialize an Advective Marine Heatwave. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	6
23	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
24	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