

Zeliang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

559
citations

687363

13
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

890
citing authors

#	ARTICLE	IF	CITATIONS
1	A climate-associated multispecies cryptic cline in the northwest Atlantic. <i>Science Advances</i> , 2018, 4, eaaq0929.	10.3	91
2	Seasonal variability of the Labrador Current and shelf circulation off Newfoundland. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	79
3	Sea ice sensitivity to the parameterisation of open water area. <i>Journal of Operational Oceanography</i> , 2010, 3, 3-9.	1.2	63
4	Climate Change Vulnerability of American Lobster Fishing Communities in Atlantic Canada. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	42
5	Predicted distribution of the glass sponge <i>Vazella pourtalesi</i> on the Scotian Shelf and its persistence in the face of climatic variability. <i>PLoS ONE</i> , 2018, 13, e0205505.	2.5	36
6	Connectivity modelling of areas closed to protect vulnerable marine ecosystems in the northwest Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 143, 85-103.	1.4	29
7	Representing eddy stress in an Arctic Ocean model. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	27
8	An abrupt shift in the Labrador Current System in relation to winter NAO events. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 5338-5349.	2.6	25
9	Characteristic evolution of the Atlantic Meridional Overturning Circulation from 1990 to 2015: An eddy-resolving ocean model study. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 149, 103056.	1.4	20
10	Modelling Atlantic mackerel spawning habitat suitability and its future distribution in the northâ€west Atlantic. <i>Fisheries Oceanography</i> , 2020, 29, 84-99.	1.7	18
11	Trends and Variability of Sea Surface Temperature in the Northwest Atlantic from Three Historical Gridded Datasets. <i>Atmosphere - Ocean</i> , 2015, 53, 510-528.	1.6	17
12	Variability of sea surface height and circulation in the North Atlantic: Forcing mechanisms and linkages. <i>Progress in Oceanography</i> , 2015, 132, 273-286.	3.2	17
13	Projections of physical conditions in the Gulf of Maine in 2050. <i>Elementa</i> , 2021, 9, .	3.2	15
14	Seasonality of the inshore Labrador current over the Newfoundland shelf. <i>Continental Shelf Research</i> , 2015, 100, 1-10.	1.8	14
15	Identifying marine invasion hotspots using stacked species distribution models. <i>Biological Invasions</i> , 2020, 22, 3403-3423.	2.4	14
16	Oceans and ocean models as seen by current meters. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	12
17	Variations in freshwater pathways from the Arctic Ocean into the North Atlantic Ocean. <i>Progress in Oceanography</i> , 2017, 155, 54-73.	3.2	11
18	Larval connectivity of northern shrimp (<i>Pandalus borealis</i>) in the Northwest Atlantic. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 1332-1347.	1.4	11

#	ARTICLE	IF	CITATIONS
19	Modeling demersal fish and benthic invertebrate assemblages in support of marine conservation planning. <i>Ecological Applications</i> , 2022, 32, e2546.	3.8	8
20	Life in the Fast Lane: Modeling the Fate of Glass Sponge Larvae in the Gulf Stream. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	7
21	Effects of parameterized eddy stress on volume, heat, and freshwater transports through Fram Strait. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	3
22	Effects of Spectral Nudging on Oceanic States in a Coarse-Resolution Model. <i>Atmosphere - Ocean</i> , 2015, 53, 351-362.	1.6	0