

Ming Feng

List of Publications by Year in descending order

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Version: 2024-02-01

158
papers

10,910
citations

38720

50
h-index

36008

97
g-index

170
all docs

170
docs citations

170
times ranked

7828
citing authors

#	ARTICLE	IF	CITATIONS
1	A hierarchical approach to defining marine heatwaves. <i>Progress in Oceanography</i> , 2016, 141, 227-238.	1.5	1,081
2	Longer and more frequent marine heatwaves over the past century. <i>Nature Communications</i> , 2018, 9, 1324.	5.8	1,081
3	Marine heatwaves threaten global biodiversity and the provision of ecosystem services. <i>Nature Climate Change</i> , 2019, 9, 306-312.	8.1	883
4	A global assessment of marine heatwaves and their drivers. <i>Nature Communications</i> , 2019, 10, 2624.	5.8	337
5	Species traits and climate velocity explain geographic range shifts in an ocean warming hotspot. <i>Ecology Letters</i> , 2015, 18, 944-953.	3.0	334
6	The rise and fall of the "marine heat wave" off Western Australia during the summer of 2010/2011. <i>Journal of Marine Systems</i> , 2013, 111-112, 139-156.	0.9	328
7	La Niña forces unprecedented Leeuwin Current warming in 2011. <i>Scientific Reports</i> , 2013, 3, 1277.	1.6	326
8	Annual and interannual variations of the Leeuwin Current at 32°S. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	269
9	Indian Ocean Decadal Variability: A Review. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 1679-1703.	1.7	210
10	Defining and observing stages of climate-mediated range shifts in marine systems. <i>Global Environmental Change</i> , 2014, 26, 27-38.	3.6	207
11	Interannual variability in the tropical Indian Ocean: a two-year time-scale of Indian Ocean Dipole. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 2263-2284.	0.6	168
12	Drivers and impacts of the most extreme marine heatwave events. <i>Scientific Reports</i> , 2020, 10, 19359.	1.6	155
13	Management adaptation of invertebrate fisheries to an extreme marine heat wave event at a global warming hot spot. <i>Ecology and Evolution</i> , 2016, 6, 3583-3593.	0.8	154
14	Anticyclonic eddies are more productive than cyclonic eddies in subtropical gyres because of winter mixing. <i>Science Advances</i> , 2016, 2, e1600282.	4.7	136
15	The Leeuwin Current and its eddies: An introductory overview. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 789-796.	0.6	118
16	Extreme Marine Warming Across Tropical Australia During Austral Summer 2015-2016. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 1301-1326.	1.0	111
17	Decadal variability of the Pacific subtropical cells and their influence on the southeast Indian Ocean. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	109
18	Interannual variability of the Indonesian throughflow transport: A revisit based on 30 year expendable bathythermograph data. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 8270-8282.	1.0	109

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19	Observations of warming on the Western Australian continental shelf. <i>Marine and Freshwater Research</i> , 2007, 58, 914.	0.7	107
20	Do Eddies Play a Role in the Momentum Balance of the Leeuwin Current?. <i>Journal of Physical Oceanography</i> , 2005, 35, 964-975.	0.7	106
21	Spatial patterns of warming off Western Australia during the 2011 Ningaloo NiÃ±o: Quantifying impacts of remote and local forcing. <i>Continental Shelf Research</i> , 2014, 91, 232-246.	0.9	103
22	Intraseasonal Variability in the South Equatorial Current of the East Indian Ocean. <i>Journal of Physical Oceanography</i> , 2002, 32, 265-277.	0.7	102
23	Multidecadal variations of Fremantle sea level: Footprint of climate variability in the tropical Pacific. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	101
24	The reversal of the multi-decadal trends of the equatorial Pacific easterly winds, and the Indonesian Throughflow and Leeuwin Current transports. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	97
25	Decadal increase in Ningaloo NiÃ±o since the late 1990s. <i>Geophysical Research Letters</i> , 2015, 42, 104-112.	1.5	94
26	Characteristics of two counter-rotating eddies in the Leeuwin Current system off the Western Australian coast. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 961-980.	0.6	91
27	Climate-change induced tropicalisation of marine communities in Western Australia. <i>Marine and Freshwater Research</i> , 2012, 63, 415.	0.7	89
28	Corals record long-term Leeuwin current variability including Ningaloo NiÃ±o/NiÃ±a since 1795. <i>Nature Communications</i> , 2014, 5, 3607.	5.8	89
29	The effect of climate change on the western rock lobster (<i>Panulirus cygnus</i>) fishery of Western Australia. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2010, 67, 85-96.	0.7	83
30	Upper ocean heat and salt balances in response to a westerly wind burst in the western equatorial Pacific during TOGA COARE. <i>Journal of Geophysical Research</i> , 1998, 103, 10289-10311.	3.3	82
31	The Indonesian throughflow, its variability and centennial change. <i>Geoscience Letters</i> , 2018, 5, .	1.3	81
32	IMOS National Reference Stations: A Continental-Wide Physical, Chemical and Biological Coastal Observing System. <i>PLoS ONE</i> , 2014, 9, e113652.	1.1	81
33	Impact of eddies on surface chlorophyll in the South Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 8061-8077.	1.0	79
34	Strengthened Indonesian Throughflow Drives Decadal Warming in the Southern Indian Ocean. <i>Geophysical Research Letters</i> , 2018, 45, 6167-6175.	1.5	79
35	Decadal trends of the upper ocean salinity in the tropical Indo-Pacific since mid-1990s. <i>Scientific Reports</i> , 2015, 5, 16050.	1.6	78
36	Marine Downscaling of a Future Climate Scenario for Australian Boundary Currents. <i>Journal of Climate</i> , 2012, 25, 2947-2962.	1.2	77

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37	Climate change projection of the Tasman Sea from an Eddy-resolving Ocean Model. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 2961-2976.	1.0	77
38	ENSO-induced interannual variability in the southeastern South China Sea. <i>Journal of Oceanography</i> , 2011, 67, 127-133.	0.7	76
39	Structure and Variability of the Kuroshio Current in Tokara Strait*. <i>Journal of Physical Oceanography</i> , 2000, 30, 2257-2276.	0.7	71
40	Interannual upper ocean variability in the tropical Indian Ocean. <i>Geophysical Research Letters</i> , 2001, 28, 4151-4154.	1.5	66
41	The effect of the Leeuwin Current on phytoplankton biomass and production off Southwestern Australia. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	66
42	Strengthened currents override the effect of warming on lobster larval dispersal and survival. <i>Global Change Biology</i> , 2015, 21, 4377-4386.	4.2	65
43	Seasonal and interannual variations of upper ocean heat balance off the west coast of Australia. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	64
44	Low-frequency sea level variability in the southern Indian Ocean and its impacts on the oceanic meridional transports. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 1302-1315.	1.0	63
45	Coral record of southeast Indian Ocean marine heatwaves with intensified Western Pacific temperature gradient. <i>Nature Communications</i> , 2015, 6, 8562.	5.8	62
46	Habitat overlap between southern bluefin tuna and yellowfin tuna in the east coast longline fishery – implications for present and future spatial management. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 746-752.	0.6	61
47	Detecting Change in the Indonesian Seas. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	61
48	Freshening anomalies in the Indonesian throughflow and impacts on the Leeuwin Current during 2010-2011. <i>Geophysical Research Letters</i> , 2015, 42, 8555-8562.	1.5	60
49	Anticipating changes to future connectivity within a network of marine protected areas. <i>Global Change Biology</i> , 2017, 23, 3533-3542.	4.2	60
50	Factors Affecting the Recovery of Invertebrate Stocks From the 2011 Western Australian Extreme Marine Heatwave. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	60
51	Initiation and amplification of the Ningaloo Ni±o. <i>Climate Dynamics</i> , 2015, 45, 2367-2385.	1.7	58
52	A fine spatial-scale sea surface temperature atlas of the Australian regional seas (SSTAARS): Seasonal variability and trends around Australasia and New Zealand revisited. <i>Journal of Marine Systems</i> , 2018, 187, 156-196.	0.9	57
53	Drivers of Marine Heatwaves in the East China Sea and the South Yellow Sea in Three Consecutive Summers During 2016–2018. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016518.	1.0	56
54	Opposite polarities of ENSO drive distinct patterns of coral bleaching potentials in the southeast Indian Ocean. <i>Scientific Reports</i> , 2017, 7, 2443.	1.6	52

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55	A Sustained Ocean Observing System in the Indian Ocean for Climate Related Scientific Knowledge and Societal Needs. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	49
56	Ocean circulation, Stokes drift, and connectivity of western rock lobster (<i>Panulirus cygnus</i>) population. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 1182-1196.	0.7	48
57	A Road Map to IndOOS-2: Better Observations of the Rapidly Warming Indian Ocean. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E1891-E1913.	1.7	48
58	On the factors influencing the development of sporadic upwelling in the Leeuwin Current system. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 3608-3621.	1.0	47
59	Historical processes and contemporary ocean currents drive genetic structure in the seagrass <i>Halodule wrightii</i> in the Indo-Australian Archipelago. <i>Molecular Ecology</i> , 2017, 26, 1008-1021.	2.0	46
60	A Global, Multiproduct Analysis of Coastal Marine Heatwaves: Distribution, Characteristics, and Long-Term Trends. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016708.	1.0	45
61	Seascape genomics reveals fine-scale patterns of dispersal for a reef fish along the ecologically divergent coast of Northwestern Australia. <i>Molecular Ecology</i> , 2017, 26, 6206-6223.	2.0	44
62	Seasonal and interannual variations of mixed layer salinity in the southeast tropical Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 4716-4731.	1.0	43
63	Gradients of disturbance and environmental conditions shape coral community structure for southeastern Indian Ocean reefs. <i>Diversity and Distributions</i> , 2018, 24, 605-620.	1.9	43
64	Progress in understanding of Indian Ocean circulation, variability, air-sea exchange, and impacts on biogeochemistry. <i>Ocean Science</i> , 2021, 17, 1677-1751.	1.3	43
65	Nutrients in an oligotrophic boundary current: Evidence of a new role for the Leeuwin Current. <i>Progress in Oceanography</i> , 2011, 91, 345-359.	1.5	42
66	Observed strong subsurface marine heatwaves in the tropical western Pacific Ocean. <i>Environmental Research Letters</i> , 2021, 16, 104024.	2.2	42
67	Impacts of Changjiang River Discharge and Kuroshio Intrusion on the Diatom and Dinoflagellate Blooms in the East China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 5244-5257.	1.0	41
68	Interannual to Decadal Variability of Upper-Ocean Salinity in the Southern Indian Ocean and the Role of the Indonesian Throughflow. <i>Journal of Climate</i> , 2019, 32, 6403-6421.	1.2	39
69	Global Perspectives on Observing Ocean Boundary Current Systems. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	39
70	Temperate shelf water dispersal by Australian boundary currents: Implications for population connectivity. <i>Limnology & Oceanography: Fluids & Environments</i> , 2013, 3, 295-309.	1.7	38
71	Invigorating ocean boundary current systems around Australia during 1979-2014: As simulated in a near-global eddy-resolving ocean model. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 3395-3408.	1.0	38
72	Upper-Ocean Heat and Salt Balances in the Western Equatorial Pacific in Response to the Intraseasonal Oscillation during TOGA COARE*. <i>Journal of Climate</i> , 2000, 13, 2409-2427.	1.2	37

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73	Contribution of the deep ocean to the centennial changes of the Indonesian Throughflow. <i>Geophysical Research Letters</i> , 2017, 44, 2859-2867.	1.5	37
74	Retention and dispersal of shelf waters influenced by interactions of ocean boundary current and coastal geography. <i>Marine and Freshwater Research</i> , 2010, 61, 1259.	0.7	37
75	Physical and chemical signatures of a developing anticyclonic eddy in the Leeuwin Current, eastern Indian Ocean. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	36
76	The role of the Leeuwin Current and mixed layer depth on the autumn phytoplankton bloom off Ningaloo Reef, Western Australia. <i>Continental Shelf Research</i> , 2012, 32, 22-35.	0.9	36
77	Interannual variability in the freshwater content of the Indonesian-Australian Basin. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	35
78	Seasonal variation in the long-term warming trend in water temperature off the Western Australian coast. <i>Marine and Freshwater Research</i> , 2009, 60, 129.	0.7	35
79	Larval fish assemblages and particle back-tracking define latitudinal and cross-shelf variability in an eastern Indian Ocean boundary current. <i>Marine Ecology - Progress Series</i> , 2012, 460, 127-144.	0.9	34
80	The wineglass effect shapes particle export to the deep ocean in mesoscale eddies. <i>Geophysical Research Letters</i> , 2016, 43, 9791-9800.	1.5	34
81	Decadal-Scale Forecasting of Climate Drivers for Marine Applications. <i>Advances in Marine Biology</i> , 2016, 74, 1-68.	0.7	34
82	Recent hemispheric asymmetry in global ocean warming induced by climate change and internal variability. <i>Nature Communications</i> , 2020, 11, 2008.	5.8	33
83	A one-dimensional simulation of biological production in two contrasting mesoscale eddies in the south eastern Indian Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 1029-1044.	0.6	31
84	Remotely sensed spatial and temporal variability of the Leeuwin Current using MODIS data. <i>Remote Sensing of Environment</i> , 2015, 166, 214-232.	4.6	30
85	Ocean circulation drives heterogeneous recruitments and connectivity among coral populations on the North West Shelf of Australia. <i>Journal of Marine Systems</i> , 2016, 164, 1-12.	0.9	29
86	Downscaling the climate change for oceans around Australia. <i>Geoscientific Model Development</i> , 2012, 5, 1177-1194.	1.3	26
87	What caused seven consecutive years of low puerulus settlement in the western rock lobster fishery of Western Australia?. <i>ICES Journal of Marine Science</i> , 2015, 72, 149-158.	1.2	26
88	The Contribution of Local Wind and Ocean Circulation to the Interannual Variability in Coastal Upwelling Intensity in the Northern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 6766-6778.	1.0	25
89	A continental shelf scale examination of the Leeuwin Current off Western Australia during the austral autumnâ€“winter. <i>Continental Shelf Research</i> , 2011, 31, 1858-1868.	0.9	23
90	Climate change projection for the western tropical Pacific Ocean using a high-resolution ocean model: Implications for tuna fisheries. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 113, 22-46.	0.6	23

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91	Long-Lasting Marine Heatwaves Instigated by Ocean Planetary Waves in the Tropical Indian Ocean During 2015–2016 and 2019–2020. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095350.	1.5	23
92	Contribution of the Karimata Strait transport to the Indonesian Throughflow as seen from a data assimilation model. <i>Continental Shelf Research</i> , 2015, 92, 16-22.	0.9	22
93	Multi-year marine cold-spells off the west coast of Australia and effects on fisheries. <i>Journal of Marine Systems</i> , 2021, 214, 103473.	0.9	22
94	Interannual Variability of Eddy Kinetic Energy in the Subtropical Southeast Indian Ocean Associated With the El Niño–Southern Oscillation. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 1048-1061.	1.0	20
95	Combined mechanistic modelling predicts changes in species distribution and increased occurrence of a tropical urchin herbivore and a habitat-forming temperate kelp. <i>Diversity and Distributions</i> , 2020, 26, 1211-1226.	1.9	20
96	Primary production and phytoplankton community structure during a winter shelf-scale phytoplankton bloom off Western Australia. <i>Marine Biology</i> , 2013, 160, 355-369.	0.7	19
97	Multiple Time Scale Variability of the Sea Surface Salinity Dipole Mode in the Tropical Indian Ocean. <i>Journal of Climate</i> , 2018, 31, 283-296.	1.2	19
98	Modelling the potential transport of tropical fish larvae in the Leeuwin Current. <i>Continental Shelf Research</i> , 2011, 31, 2018-2040.	0.9	17
99	Semidiurnal tides observed in the western equatorial Pacific during the Tropical Ocean-Global Atmosphere Coupled Ocean-Atmosphere Response Experiment. <i>Journal of Geophysical Research</i> , 1998, 103, 10253-10272.	3.3	16
100	Linking synoptic forcing and local mesoscale processes with biological dynamics off Ningaloo Reef. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 1211-1225.	1.0	16
101	Growth of a deep-water, predatory fish is influenced by the productivity of a boundary current system. <i>Scientific Reports</i> , 2015, 5, 9044.	1.6	16
102	Dynamics on Seasonal Variability of EKE Associated with TIWs in the Eastern Equatorial Pacific Ocean. <i>Journal of Physical Oceanography</i> , 2019, 49, 1503-1519.	0.7	16
103	Cross-shelf transport, oxygen depletion, and nitrate release within a forming mesoscale eddy in the eastern Indian Ocean. <i>Limnology and Oceanography</i> , 2016, 61, 103-121.	1.6	15
104	Evolution of Sea Surface Salinity Anomalies in the Southwestern Tropical Indian Ocean During 2010–2011 Influenced by a Negative IOD Event. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 3428-3445.	1.0	15
105	Effect of Salinity on Estimating Geostrophic Transport of the Indonesian Throughflow along the IX1 XBT Section. <i>Journal of Oceanography</i> , 2005, 61, 795-801.	0.7	14
106	Mechanism of seasonal eddy kinetic energy variability in the eastern equatorial Pacific Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 3240-3252.	1.0	14
107	Which Environmental Factors Predict Seasonal Variation in the Coral Health of <i>Acropora digitifera</i> and <i>Acropora spicifera</i> at Ningaloo Reef?. <i>PLoS ONE</i> , 2013, 8, e60830.	1.1	14
108	Interactions Between a Marine Heatwave and Tropical Cyclone Amphan in the Bay of Bengal in 2020. <i>Frontiers in Climate</i> , 0, 4, .	1.3	14

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109	Wintertime Phytoplankton Blooms in the Western Equatorial Indian Ocean Associated With the Madden-Julian Oscillation. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 9855-9869.	1.0	13
110	Semiannual Variability of Middepth Zonal Currents along 5°N in the Eastern Indian Ocean: Characteristics and Causes. <i>Journal of Physical Oceanography</i> , 2019, 49, 2715-2729.	0.7	13
111	Setting priorities for conservation at the interface between ocean circulation, connectivity, and population dynamics. <i>Ecological Applications</i> , 2020, 30, e02011.	1.8	13
112	The Extreme El Niño Events Suppressing the Intraseasonal Variability in the Eastern Tropical Indian Ocean. <i>Journal of Physical Oceanography</i> , 2020, 50, 2359-2372.	0.7	13
113	Multigrain seabed sediment transport modelling for the south-west Australian Shelf. <i>Marine and Freshwater Research</i> , 2009, 60, 774.	0.7	12
114	Spatiotemporal Variability of Mesoscale Eddies in the Indonesian Seas. <i>Remote Sensing</i> , 2021, 13, 1017.	1.8	12
115	Revisit the Vertical Structure of the Eddies and Eddy-Induced Transport in the Leeuwin Current System. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016556.	1.0	12
116	Slower Long-Term Coastal Warming Drives Dampened Trends in Coastal Marine Heatwave Exposure. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017930.	1.0	12
117	Projected Future Changes of Meridional Heat Transport and Heat Balance of the Indian Ocean. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086803.	1.5	11
118	Formation and maintenance of high-nitrate, low pH layers in the eastern Indian Ocean and the role of nitrogen fixation. <i>Biogeosciences</i> , 2013, 10, 5691-5702.	1.3	10
119	Annual and Interannual Variability of the Tropical Instability Vortices in the Equatorial Eastern Pacific Observed from Lagrangian Surface Drifters. <i>Journal of Climate</i> , 2016, 29, 9163-9177.	1.2	10
120	Intra-annual variability of the North West Shelf of Australia and its impact on the Holloway Current: Excitement and propagation of coastally trapped waves. <i>Continental Shelf Research</i> , 2019, 186, 88-103.	0.9	10
121	Pacific Influences on the Meridional Temperature Transport of the Indian Ocean. <i>Journal of Climate</i> , 2019, 32, 1047-1061.	1.2	10
122	The Importance of Marine Research Infrastructures in Capturing Processes and Impacts of Extreme Events. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	10
123	Coral larval recruitment in north-western Australia predicted by regional and local conditions. <i>Marine Environmental Research</i> , 2021, 168, 105318.	1.1	10
124	Baroclinic Characteristics and Energetics of Annual Rossby Waves in the Southern Tropical Indian Ocean. <i>Journal of Physical Oceanography</i> , 2020, 50, 2591-2607.	0.7	10
125	Magnitude and Phase of Diurnal SST Variations in the ACCESS-S1 Model During the Suppressed Phase of the MJOs. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 9553-9571.	1.0	9
126	Mesoscale eddy characteristics in the interior subtropical southeast Indian Ocean, tracked from the Leeuwin Current system. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 161, 52-62.	0.6	9

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127	The oceanography and marine ecology of Ningaloo, a World Heritage Area. , 2020, , 143-178.		9
128	Near-Surface Salinity Reveals the Oceanic Sources of Moisture for Australian Precipitation through Atmospheric Moisture Transport. Journal of Climate, 2020, 33, 6707-6730.	1.2	8
129	Tracking Air–Sea Exchange and Upper-Ocean Variability in the Indonesian–Australian Basin during the Onset of the 2018/19 Australian Summer Monsoon. Bulletin of the American Meteorological Society, 2020, 101, E1397-E1412.	1.7	8
130	Changes in the Subantarctic Mode Water Properties and Spiciness in the Southern Indian Ocean based on Argo Observations. Journal of Physical Oceanography, 2021, , .	0.7	8
131	Satellite Investigation of Semidiurnal Internal Tides in the Sulu-Sulawesi Seas. Remote Sensing, 2021, 13, 2530.	1.8	8
132	The Ningaloo Niño/Niña: Mechanisms, relation with other climate modes and impacts. , 2021, , 207-219.		8
133	Limitations to coral recovery along an environmental stress gradient. Ecological Applications, 2022, 32, e2558.	1.8	8
134	Spinup of a Submesoscale Eddy in the TOGA COARE Intensive Flux Array during the Spindown of an Intense Eastward Jet*. Journal of Physical Oceanography, 2001, 31, 711-724.	0.7	7
135	Ningaloo Niño/Niña and their regional climate impacts as recorded by corals along the coast of Western Australia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 535, 109368.	1.0	7
136	Local Drivers of Extreme Upper Ocean Marine Heatwaves Assessed Using a Global Ocean Circulation Model. Frontiers in Climate, 2022, 4, .	1.3	7
137	Spatiotemporal Variations of Mesoscale Eddies in the Sulu Sea. Journal of Geophysical Research: Oceans, 2017, 122, 7867-7879.	1.0	6
138	Seasonal Evolution of the Surface Layer Heat Balance in the Eastern Subtropical Indian Ocean. Journal of Geophysical Research: Oceans, 2019, 124, 6459-6477.	1.0	6
139	A seascape genetic analysis of a stress-tolerant coral species along the Western Australian coast. Coral Reefs, 2019, 38, 63-78.	0.9	6
140	Niño 4 West (Niño4W) Sea Surface Temperature Variability. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017591.	1.0	6
141	Multi-decadal ocean temperature time-series and climatologies from Australia’s long-term National Reference Stations. Scientific Data, 2022, 9, 157.	2.4	6
142	A Prolonged High-Salinity Event in the Northern Arabian Sea during 2014–17. Journal of Physical Oceanography, 2020, 50, 849-865.	0.7	5
143	Improving Australian Rainfall Prediction Using Sea Surface Salinity. Journal of Climate, 2021, 34, 2473-2490.	1.2	5
144	MJO induced diurnal sea surface temperature variations off the northwest shelf of Australia observed from Himawari geostationary satellite. Deep-Sea Research Part II: Topical Studies in Oceanography, 2021, 183, 104925.	0.6	5

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145	High-resolution marine heatwave mapping in Australasian waters using Himawari-8 SST and SSTAARS data. <i>Remote Sensing of Environment</i> , 2021, 267, 112742.	4.6	5
146	Summer Marine Heatwaves in the Kuroshio-Oyashio Extension Region. <i>Remote Sensing</i> , 2022, 14, 2980.	1.8	5
147	Interannual Variations of Wind Regimes off the Subtropical Western Australia Coast during Austral Winter and Spring. <i>Journal of Climate</i> , 2012, 25, 5587-5599.	1.2	4
148	Optimizing an oceanographic-larval model for assessment of the puerulus settlement of the western rock lobster, <i>Panulirus cygnus</i> , in Western Australia. <i>Bulletin of Marine Science</i> , 2018, 94, 775-800.	0.4	4
149	A long-term, gridded, subsurface physical oceanography dataset and average annual cycles derived from in situ measurements off the Western Australia coast during 2009–2020. <i>Data in Brief</i> , 2021, 35, 106812.	0.5	4
150	What Can We Learn From the 2010/11 Western Australian Marine Heatwave to Better Understand Risks From the One Forecast in 2020/21?. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	3
151	Hydrodynamic Drivers of the 2013 Marine Heatwave on the North West Shelf of Australia. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, .	1.0	3
152	Thirty critical research needs for managing an ecologically and culturally unique remote marine environment: The Kimberley region of Western Australia. <i>Ocean and Coastal Management</i> , 2021, 212, 105771.	2.0	3
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