

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 | Characteristics of Wind-Generated Near-Inertial Waves in the Southeast Indian Ocean. <i>Journal of Physical Oceanography</i> , 2022, 52, 557-578. | 0.7 | 0 |
| 2 | Three-dimensional numerical simulation of circulation and vertical temperature structure during summer in Cockburn Sound. <i>Regional Studies in Marine Science</i> , 2022, 51, 102187. | 0.4 | 0 |
| 3 | Rapid restratification of the ocean surface boundary layer during the suppressed phase of the MJO in austral spring. <i>Environmental Research Letters</i> , 2022, 17, 024031. | 2.2 | 0 |
| 4 | Limitations to coral recovery along an environmental stress gradient. <i>Ecological Applications</i> , 2022, 32, e2558. | 1.8 | 8 |
| 5 | Multi-decadal ocean temperature time-series and climatologies from Australia's long-term National Reference Stations. <i>Scientific Data</i> , 2022, 9, 157. | 2.4 | 6 |
| 6 | Local Drivers of Extreme Upper Ocean Marine Heatwaves Assessed Using a Global Ocean Circulation Model. <i>Frontiers in Climate</i> , 2022, 4, . | 1.3 | 7 |
| 7 | Summer Marine Heatwaves in the Kuroshio-Oyashio Extension Region. <i>Remote Sensing</i> , 2022, 14, 2980. | 1.8 | 5 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Spatiotemporal Variability of Mesoscale Eddies in the Indonesian Seas. <i>Remote Sensing</i> , 2021, 13, 1017. | 1.8 | 12 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Changes in the Subantarctic Mode Water Properties and Spiciness in the Southern Indian Ocean based on Argo Observations. <i>Journal of Physical Oceanography</i> , 2021, , . | 0.7 | 8 |
| 16 | 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 |
| 17 | Improving Australian Rainfall Prediction Using Sea Surface Salinity. <i>Journal of Climate</i> , 2021, 34, 2473-2490. | 1.2 | 5 |
| 18 | Observational estimates of turbulent mixing in the southeast Indian Ocean. <i>Journal of Physical Oceanography</i> , 2021, , . | 0.7 | 2 |

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|----|--|-----|-----------|
| 19 | Observations of SST-induced Wind Perturbations in the Leeuwin Current. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016993. | 1.0 | 1 |
| 20 | Satellite Investigation of Semidiurnal Internal Tides in the Sulu-Sulawesi Seas. <i>Remote Sensing</i> , 2021, 13, 2530. | 1.8 | 8 |
| 21 | Coral larval recruitment in north-western Australia predicted by regional and local conditions. <i>Marine Environmental Research</i> , 2021, 168, 105318. | 1.1 | 10 |
| 22 | Observed strong subsurface marine heatwaves in the tropical western Pacific Ocean. <i>Environmental Research Letters</i> , 2021, 16, 104024. | 2.2 | 42 |
| 23 | Niño 4 West (Niño4W) Sea Surface Temperature Variability. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017591. | 1.0 | 6 |
| 24 | 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 |
| 25 | MJO induced diurnal sea surface temperature variations off the northwest shelf of Australia observed from Himawari geostationary satellite. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2021, 183, 104925. | 0.6 | 5 |
| 26 | The Ningaloo Niño/Niña: Mechanisms, relation with other climate modes and impacts. , 2021, , 207-219. | | 8 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | Setting priorities for conservation at the interface between ocean circulation, connectivity, and population dynamics. <i>Ecological Applications</i> , 2020, 30, e02011. | 1.8 | 13 |
| 32 | Near-Surface Salinity Reveals the Oceanic Sources of Moisture for Australian Precipitation through Atmospheric Moisture Transport. <i>Journal of Climate</i> , 2020, 33, 6707-6730. | 1.2 | 8 |
| 33 | Drivers and impacts of the most extreme marine heatwave events. <i>Scientific Reports</i> , 2020, 10, 19359. | 1.6 | 155 |
| 34 | Recent hemispheric asymmetry in global ocean warming induced by climate change and internal variability. <i>Nature Communications</i> , 2020, 11, 2008. | 5.8 | 33 |
| 35 | Combined mechanistic modelling predicts changes in species distribution and increased co-occurrence of a tropical urchin herbivore and a habitat-forming temperate kelp. <i>Diversity and Distributions</i> , 2020, 26, 1211-1226. | 1.9 | 20 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | A Prolonged High-Salinity Event in the Northern Arabian Sea during 2014â€“17. <i>Journal of Physical Oceanography</i> , 2020, 50, 849-865. | 0.7 | 5 |
| 38 | 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 |
| 39 | Tracking Airâ€“Sea Exchange and Upper-Ocean Variability in the Indonesianâ€“Australian Basin during the Onset of the 2018/19 Australian Summer Monsoon. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E1397-E1412. | 1.7 | 8 |
| 40 | 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 |
| 41 | The Extreme El NiÃ±o Events Suppressing the Intraseasonal Variability in the Eastern Tropical Indian Ocean. <i>Journal of Physical Oceanography</i> , 2020, 50, 2359-2372. | 0.7 | 13 |
| 42 | The oceanography and marine ecology of Ningaloo, a World Heritage Area. , 2020, , 143-178. | | 9 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | 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 |
| 47 | Global Perspectives on Observing Ocean Boundary Current Systems. <i>Frontiers in Marine Science</i> , 2019, 6, . | 1.2 | 39 |
| 48 | Seasonal Evolution of the Surface Layer Heat Balance in the Eastern Subtropical Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 6459-6477. | 1.0 | 6 |
| 49 | Semiannual Variability of Middepth Zonal Currents along 5Â°N in the Eastern Indian Ocean: Characteristics and Causes. <i>Journal of Physical Oceanography</i> , 2019, 49, 2715-2729. | 0.7 | 13 |
| 50 | 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 |
| 51 | A global assessment of marine heatwaves and their drivers. <i>Nature Communications</i> , 2019, 10, 2624. | 5.8 | 337 |
| 52 | Detecting Change in the Indonesian Seas. <i>Frontiers in Marine Science</i> , 2019, 6, . | 1.2 | 61 |
| 53 | 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 |
| 54 | Evolution of Sea Surface Salinity Anomalies in the Southwestern Tropical Indian Ocean During 2010â€“2011 Influenced by a Negative IOD Event. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 3428-3445. | 1.0 | 15 |

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|----|--|-----|-----------|
| 55 | Pacific Influences on the Meridional Temperature Transport of the Indian Ocean. <i>Journal of Climate</i> , 2019, 32, 1047-1061. | 1.2 | 10 |
| 56 | Marine heatwaves threaten global biodiversity and the provision of ecosystem services. <i>Nature Climate Change</i> , 2019, 9, 306-312. | 8.1 | 883 |
| 57 | 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 |
| 58 | Magnitude and Phase of Diurnal SST Variations in the ACCESS-CM1 Model During the Suppressed Phase of the MJOs. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 9553-9571. | 1.0 | 9 |
| 59 | Ningaloo Ni \pm o/Ni \pm a and their regional climate impacts as recorded by corals along the coast of Western Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 535, 109368. | 1.0 | 7 |
| 60 | A seascape genetic analysis of a stress-tolerant coral species along the Western Australian coast. <i>Coral Reefs</i> , 2019, 38, 63-78. | 0.9 | 6 |
| 61 | 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 |
| 62 | Longer and more frequent marine heatwaves over the past century. <i>Nature Communications</i> , 2018, 9, 1324. | 5.8 | 1,081 |
| 63 | 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 |
| 64 | Interannual Variability of Eddy Kinetic Energy in the Subtropical Southeast Indian Ocean Associated With the El Ni \pm o Southern Oscillation. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 1048-1061. | 1.0 | 20 |
| 65 | Gradients of disturbance and environmental conditions shape coral community structure for south-eastern Indian Ocean reefs. <i>Diversity and Distributions</i> , 2018, 24, 605-620. | 1.9 | 43 |
| 66 | 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 |
| 67 | 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 |
| 68 | 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 |
| 69 | 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 |
| 70 | The Indonesian throughflow, its variability and centennial change. <i>Geoscience Letters</i> , 2018, 5, . | 1.3 | 81 |
| 71 | Strengthened Indonesian Throughflow Drives Decadal Warming in the Southern Indian Ocean. <i>Geophysical Research Letters</i> , 2018, 45, 6167-6175. | 1.5 | 79 |
| 72 | Anticipating changes to future connectivity within a network of marine protected areas. <i>Global Change Biology</i> , 2017, 23, 3533-3542. | 4.2 | 60 |

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|----|---|-----|-----------|
| 73 | 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 |
| 74 | 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 |
| 75 | 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 |
| 76 | Historical processes and contemporary ocean currents drive genetic structure in the seagrass <i>Thalassia hemprichii</i> in the Indo-Australian Archipelago. <i>Molecular Ecology</i> , 2017, 26, 1008-1021. | 2.0 | 46 |
| 77 | 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 |
| 78 | Spatiotemporal Variations of Mesoscale Eddies in the Sulu Sea. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 7867-7879. | 1.0 | 6 |
| 79 | 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 |
| 80 | 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 |
| 81 | 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 |
| 82 | 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 |
| 83 | 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 |
| 84 | 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 |
| 85 | Decadal-Scale Forecasting of Climate Drivers for Marine Applications. <i>Advances in Marine Biology</i> , 2016, 74, 1-68. | 0.7 | 34 |
| 86 | 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 |
| 87 | 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 |
| 88 | 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 |
| 89 | A hierarchical approach to defining marine heatwaves. <i>Progress in Oceanography</i> , 2016, 141, 227-238. | 1.5 | 1,081 |
| 90 | 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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|-----|--|-----|-----------|
| 91 | 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 |
| 92 | Coral record of southeast Indian Ocean marine heatwaves with intensified Western Pacific temperature gradient. <i>Nature Communications</i> , 2015, 6, 8562. | 5.8 | 62 |
| 93 | 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 |
| 94 | 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 |
| 95 | 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, i49-i58. | 1.2 | 26 |
| 96 | 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 |
| 97 | 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 |
| 98 | Decadal increase in Ningaloo Ni \pm o since the late 1990s. <i>Geophysical Research Letters</i> , 2015, 42, 104-112. | 1.5 | 94 |
| 99 | 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 |
| 100 | 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 |
| 101 | Initiation and amplification of the Ningaloo Ni \pm o. <i>Climate Dynamics</i> , 2015, 45, 2367-2385. | 1.7 | 58 |
| 102 | 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 |
| 103 | Corals record long-term Leeuwin current variability including Ningaloo Ni \pm o/Ni \pm a since 1795. <i>Nature Communications</i> , 2014, 5, 3607. | 5.8 | 89 |
| 104 | Spatial patterns of warming off Western Australia during the 2011 Ningaloo Ni \pm o: Quantifying impacts of remote and local forcing. <i>Continental Shelf Research</i> , 2014, 91, 232-246. | 0.9 | 103 |
| 105 | Indian Ocean Decadal Variability: A Review. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 1679-1703. | 1.7 | 210 |
| 106 | Defining and observing stages of climate-mediated range shifts in marine systems. <i>Global Environmental Change</i> , 2014, 26, 27-38. | 3.6 | 207 |
| 107 | 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 |
| 108 | IMOS National Reference Stations: A Continental-Wide Physical, Chemical and Biological Coastal Observing System. <i>PLoS ONE</i> , 2014, 9, e113652. | 1.1 | 81 |

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|-----|--|-----|-----------|
| 109 | 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 |
| 110 | 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 |
| 111 | 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 |
| 112 | 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 |
| 113 | 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 |
| 114 | La Niña forces unprecedented Leeuwin Current warming in 2011. <i>Scientific Reports</i> , 2013, 3, 1277. | 1.6 | 326 |
| 115 | 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 |
| 116 | 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 |
| 117 | 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 |
| 118 | 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 |
| 119 | Marine Downscaling of a Future Climate Scenario for Australian Boundary Currents. <i>Journal of Climate</i> , 2012, 25, 2947-2962. | 1.2 | 77 |
| 120 | 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 |
| 121 | Downscaling the climate change for oceans around Australia. <i>Geoscientific Model Development</i> , 2012, 5, 1177-1194. | 1.3 | 26 |
| 122 | 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 |
| 123 | Climate-change induced tropicalisation of marine communities in Western Australia. <i>Marine and Freshwater Research</i> , 2012, 63, 415. | 0.7 | 89 |
| 124 | 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 |
| 125 | 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 |
| 126 | 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 |

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|-----|--|-----|-----------|
| 127 | 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 |
| 128 | Habitat overlap between southern bluefin tuna and yellowfin tuna in the east coast longline fishery â€“ 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 |
| 129 | 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 |
| 130 | Modelling the potential transport of tropical fish larvae in the Leeuwin Current. <i>Continental Shelf Research</i> , 2011, 31, 2018-2040. | 0.9 | 17 |
| 131 | ENSO-induced interannual variability in the southeastern South China Sea. <i>Journal of Oceanography</i> , 2011, 67, 127-133. | 0.7 | 76 |
| 132 | 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 |
| 133 | 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 |
| 134 | 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 |
| 135 | Multigrain seabed sediment transport modelling for the south-west Australian Shelf. <i>Marine and Freshwater Research</i> , 2009, 60, 774. | 0.7 | 12 |
| 136 | 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 |
| 137 | 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 |
| 138 | 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 |
| 139 | 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 |
| 140 | Observations of warming on the Western Australian continental shelf. <i>Marine and Freshwater Research</i> , 2007, 58, 914. | 0.7 | 107 |
| 141 | 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 |
| 142 | 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 |
| 143 | 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 |
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