

# Eric C J Oliver

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

6,545  
citations

172457

29  
h-index

138484

58  
g-index

59  
all docs

59  
docs citations

59  
times ranked

4917  
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-producing maps as boundary objects: Bridging Labrador Inuit knowledge and oceanographic research. <i>Journal of Cultural Geography</i> , 2022, 39, 55-89.	0.9	5
2	Marine Heatwaves. <i>Annual Review of Marine Science</i> , 2021, 13, 313-342.	11.6	254
3	Statistical Reconstruction of Seasonal Tropical Cyclone Variability in the North Atlantic Basin. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD032669.	3.3	0
4	Influence of the MJO on daily surface air temperature over Iran. <i>International Journal of Climatology</i> , 2021, 41, 4562-4573.	3.5	4
5	The Record-Breaking 1933 Atlantic Hurricane Season. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E446-E463.	3.3	2
6	Drivers of Marine Heatwaves in the Northwest Atlantic: The Role of Air–Sea Interaction During Onset and Decline. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	39
7	Changing Spatial Patterns of Deep Convection in the Subpolar North Atlantic. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017245.	2.6	18
8	Marine cold-spells. <i>Progress in Oceanography</i> , 2021, 198, 102684.	3.2	35
9	Seasonal forecasting of tropical cyclones in the North Indian Ocean region: the role of El Niño–Southern Oscillation. <i>Climate Dynamics</i> , 2020, 54, 1571-1589.	3.8	18
10	Keeping pace with marine heatwaves. <i>Nature Reviews Earth &amp; Environment</i> , 2020, 1, 482-493.	29.7	175
11	Drivers and impacts of the most extreme marine heatwave events. <i>Scientific Reports</i> , 2020, 10, 19359.	3.3	155
12	Characteristic atmospheric states during mid-summer droughts over Central America and Mexico. <i>Climate Dynamics</i> , 2020, 55, 681-701.	3.8	8
13	Editorial: Advances in Understanding Marine Heatwaves and Their Impacts. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	36
14	Remote Forcing of Tasman Sea Marine Heatwaves. <i>Journal of Climate</i> , 2020, 33, 5337-5354.	3.2	27
15	Environmental drivers of unprecedented <i>Alexandrium catenella</i> dinoflagellate blooms off eastern Tasmania, 2012–2018. <i>Harmful Algae</i> , 2019, 87, 101628.	4.8	32
16	A global assessment of marine heatwaves and their drivers. <i>Nature Communications</i> , 2019, 10, 2624.	12.8	337
17	Mean warming not variability drives marine heatwave trends. <i>Climate Dynamics</i> , 2019, 53, 1653-1659.	3.8	121
18	Marine heatwaves threaten global biodiversity and the provision of ecosystem services. <i>Nature Climate Change</i> , 2019, 9, 306-312.	18.8	883

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19	A statistical seasonal forecast model of North Indian Ocean tropical cyclones using the quasi-biennial oscillation. <i>International Journal of Climatology</i> , 2019, 39, 934-952.	3.5	20
20	Influence of the Madden-Julian oscillation on Costa Rican mid-summer drought timing. <i>International Journal of Climatology</i> , 2019, 39, 292-301.	3.5	10
21	Modulation of wet-season rainfall over Iran by the Madden-Julian Oscillation, Indian Ocean Dipole and El Niño-Southern Oscillation. <i>International Journal of Climatology</i> , 2019, 39, 4029-4040.	3.5	11
22	Projected Marine Heatwaves in the 21st Century and the Potential for Ecological Impact. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	300
23	Detecting Marine Heatwaves With Sub-Optimal Data. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	39
24	Marine heatwaves off eastern Tasmania: Trends, interannual variability, and predictability. <i>Progress in Oceanography</i> , 2018, 161, 116-130.	3.2	79
25	Longer and more frequent marine heatwaves over the past century. <i>Nature Communications</i> , 2018, 9, 1324.	12.8	1,081
26	Anthropogenic and Natural Influences on Record 2016 Marine Heat waves. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, S44-S48.	3.3	35
27	Extreme Marine Warming Across Tropical Australia During Austral Summer 2015-2016. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 1301-1326.	2.6	111
28	How can climate predictions improve sustainability of coastal fisheries in Pacific Small-Island Developing States?. <i>Marine Policy</i> , 2018, 88, 295-302.	3.2	18
29	Evaluation of hydrodynamic ocean models as a first step in larval dispersal modelling. <i>Continental Shelf Research</i> , 2018, 152, 38-49.	1.8	7
30	Variability and Long-Term Trends in the Shelf Circulation Off Eastern Tasmania. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 7366-7381.	2.6	15
31	Differential vulnerability to climate change yields novel deep-reef communities. <i>Nature Climate Change</i> , 2018, 8, 873-878.	18.8	10
32	Categorizing and Naming Marine Heatwaves. <i>Oceanography</i> , 2018, 31, .	1.0	368
33	Nearshore and offshore co-occurrence of marine heatwaves and cold-spells. <i>Progress in Oceanography</i> , 2017, 151, 189-205.	3.2	76
34	A climatological model of North Indian Ocean tropical cyclone genesis, tracks and landfall. <i>Climate Dynamics</i> , 2017, 49, 2585-2603.	3.8	36
35	The unprecedented 2015/16 Tasman Sea marine heatwave. <i>Nature Communications</i> , 2017, 8, 16101.	12.8	374
36	Joint Modulation of Intraseasonal Rainfall in Tropical Australia by the Madden-Julian Oscillation and El Niño-Southern Oscillation. <i>Geophysical Research Letters</i> , 2017, 44, 10,754.	4.0	7

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37	Predominant Atmospheric and Oceanic Patterns during Coastal Marine Heatwaves. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	36
38	Blind use of reanalysis data: apparent trends in Madden-Julian Oscillation activity driven by observational changes. <i>International Journal of Climatology</i> , 2016, 36, 3458-3468.	3.5	13
39	Natural hazards in Australia: heatwaves. <i>Climatic Change</i> , 2016, 139, 101-114.	3.6	80
40	Modelling the shelf circulation off eastern Tasmania. <i>Continental Shelf Research</i> , 2016, 130, 14-33.	1.8	21
41	A hierarchical approach to defining marine heatwaves. <i>Progress in Oceanography</i> , 2016, 141, 227-238.	3.2	1,081
42	Natural hazards in Australia: sea level and coastal extremes. <i>Climatic Change</i> , 2016, 139, 69-83.	3.6	70
43	The Relationship between the Madden-Julian Oscillation (MJO) and Southeastern New England Snowfall. <i>Monthly Weather Review</i> , 2016, 144, 1355-1362.	1.4	13
44	Predictability of the Madden-Julian Oscillation index: seasonality and dependence on MJO phase. <i>Climate Dynamics</i> , 2016, 46, 159-176.	3.8	8
45	Variations in global tropical cyclone activity and the Madden-Julian Oscillation since the midtwentieth century. <i>Geophysical Research Letters</i> , 2015, 42, 4199-4207.	4.0	27
46	Projected changes to Tasman Sea eddies in a future climate. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 7150-7165.	2.6	46
47	Multidecadal variations in the modulation of Alaska wintertime air temperature by the Madden-Julian Oscillation. <i>Theoretical and Applied Climatology</i> , 2015, 121, 1-11.	2.8	27
48	Modulation of Atlantic Basin Tropical Cyclone Activity by the Madden-Julian Oscillation (MJO) from 1905 to 2011. <i>Journal of Climate</i> , 2015, 28, 204-217.	3.2	55
49	Projected Tasman Sea Extremes in Sea Surface Temperature through the Twenty-First Century. <i>Journal of Climate</i> , 2014, 27, 1980-1998.	3.2	50
50	A Statistical Method for Improving Continental Shelf and Nearshore Marine Climate Predictions. <i>Journal of Atmospheric and Oceanic Technology</i> , 2014, 31, 216-232.	1.3	14
51	Estimating extremes from global ocean and climate models: A Bayesian hierarchical model approach. <i>Progress in Oceanography</i> , 2014, 122, 77-91.	3.2	12
52	Intraseasonal variability of sea level and circulation in the Gulf of Thailand: the role of the Madden-Julian Oscillation. <i>Climate Dynamics</i> , 2014, 42, 401-416.	3.8	5
53	Storm tracks in the Southern Hemisphere subtropical oceans. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 6078-6100.	2.6	22
54	Extending our understanding of South Pacific gyre 'spin-up': Modeling the East Australian Current in a future climate. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 2788-2805.	2.6	82

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55	Extreme surface and near-bottom currents in the northwest Atlantic. <i>Natural Hazards</i> , 2012, 64, 1425-1446.	3.4	7
56	Sea level and circulation variability of the Gulf of Carpentaria: Influence of the Madden-Julian Oscillation and the adjacent deep ocean. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	19
57	A Reconstruction of Madden-Julian Oscillation Variability from 1905 to 2008. <i>Journal of Climate</i> , 2011, 25, 1996-2019.	3.2	46
58	Madden-Julian Oscillation and sea level: Local and remote forcing. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	50