

# Eric Desmond Barton

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

1,986  
citations

279487

23  
h-index

243296

44  
g-index

47  
all docs

47  
docs citations

47  
times ranked

2040  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ommastrephid squid paralarvae potential nursery habitat in the tropical-subtropical convergence off Mexico. <i>Progress in Oceanography</i> , 2022, 202, 102762.	1.5	4
2	Fixed-point time series, repeat survey and high-resolution modeling reveal event scale responses of the Northwestern Iberian upwelling. <i>Progress in Oceanography</i> , 2021, 190, 102480.	1.5	2
3	Water masses and larval fish habitats in the Pacific tropical-subtropical convergence off Mexico. <i>Continental Shelf Research</i> , 2021, 230, 104575.	0.9	7
4	Wave Regime and Wave-Current Coupling in an Upwelling-Driven Bay: Seasonal and Inter-Annual Variability. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017540.	1.0	4
5	Glider Observations of the Northwestern Iberian Margin During an Exceptional Summer Upwelling Season. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015804.	1.0	1
6	Ommastrephid squid paralarvae distribution and transport under contrasting interannual conditions in the tropical-subtropical convergence off Mexico. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020, 160, 103259.	0.6	4
7	Distribution of calanoid copepods across the mesoscale frontal zone of tropical-subtropical convergence off Mexico. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 169-170, 104678.	0.6	4
8	A suboxic chlorophyll-a maximum persists within the Pacific oxygen minimum zone off Mexico. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 169-170, 104686.	0.6	11
9	Larval Fish Habitats and Deoxygenation in the Northern Limit of the Oxygen Minimum Zone off Mexico. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 9690-9705.	1.0	13
10	Bottom Boundary Layer and Particle Dynamics in an Upwelling Affected Continental Margin (NW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	9
11	Oceanographic processes shape genetic signatures of planktonic cephalopod paralarvae in two upwelling regions. <i>Progress in Oceanography</i> , 2019, 170, 11-27.	1.5	34
12	Vertical distribution of calanoid copepods in a mature cyclonic eddy in the Gulf of California. <i>Crustaceana</i> , 2018, 91, 63-84.	0.1	9
13	Effects of mesoscale structures on the distribution of cephalopod paralarvae in the Gulf of California and adjacent Pacific. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 131, 62-74.	0.6	12
14	Surface Salinity Balance in the Tropical Pacific Off Mexico. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 5763-5776.	1.0	5
15	Transient response of the Northwestern Iberian upwelling regime. <i>PLoS ONE</i> , 2018, 13, e0197627.	1.1	9
16	Hydrographic and fish larvae distribution during the "Godzilla El Niño 2015-2016" in the northern end of the shallow oxygen minimum zone of the eastern tropical Pacific Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 2156-2170.	1.0	38
17	Rapid response to coastal upwelling in a semienclosed bay. <i>Geophysical Research Letters</i> , 2017, 44, 2388-2397.	1.5	25
18	Anatomy of a subtropical intrathermocline eddy. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017, 124, 126-139.	0.6	31

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19	Freshwater exchanges and surface salinity in the Colombian basin, Caribbean Sea. PLoS ONE, 2017, 12, e0182116.	1.1	27
20	Transport pathways of decapod larvae under intense mesoscale activity in the Canary-African coastal transition zone: implications for population connectivity. Scientia Marina, 2017, 81, 299.	0.3	12
21	Effects of Geostrophic Kinetic Energy on the Distribution of Mesopelagic Fish Larvae in the Southern Gulf of California in Summer/Fall Stratified Seasons. PLoS ONE, 2016, 11, e0164900.	1.1	7
22	Surface water subduction during a downwelling event in a semienclosed bay. Journal of Geophysical Research: Oceans, 2016, 121, 7088-7107.	1.0	24
23	Water Masses and Circulation in the Tropical Pacific off Central Mexico and Surrounding Areas. Journal of Physical Oceanography, 2016, 46, 3069-3081.	0.7	77
24	Paralarvae of the complex <i>Sthenoteuthis oualaniensis</i> – <i>Dosidicus gigas</i> (Cephalopoda) in the Pacific Ocean (April 2012). Journal of Geophysical Research: Oceans, 2016, 121, 1998-2015.	1.0	22
25	Coastal–offshore exchange of organic matter across the Cape Ghir filament (NW Africa) during moderate upwelling. Journal of Marine Systems, 2016, 154, 233-242.	0.9	17
26	Filaments on the western Iberian Margin: A modeling study. Journal of Geophysical Research: Oceans, 2015, 120, 5400-5416.	1.0	9
27	Role of circulation scales and water mass distributions on larval fish habitats in the Eastern Tropical Pacific off Mexico. Journal of Geophysical Research: Oceans, 2015, 120, 3987-4002.	1.0	18
28	The Cape Ghir filament system in August 2009 (NW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf, 50 382 T	1.0	13
29	Larval fish habitats in a mesoscale dipole eddy in the gulf of California. Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 103, 1-12.	0.6	21
30	Three-dimensional distribution of larval fish habitats in the shallow oxygen minimum zone in the eastern tropical Pacific Ocean off Mexico. Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 101, 118-129.	0.6	23
31	Sobre la existencia de una celda de circulación atmosférica sobre el Caribe y su efecto en las corrientes de Ekman del Caribe suroccidental. Boletín Científico CIOH, 2013, , 73-94.	0.2	2
32	Upwelling filaments off Cap Blanc: Interaction of the NW African upwelling current and the Cape Verde frontal zone eddy field?. Journal of Geophysical Research, 2012, 117, .	3.3	55
33	Sea surface temperature variability in the Colombian Basin, Caribbean Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 64, 43-53.	0.6	25
34	Sub-regional ecosystem variability in the Canary Current upwelling. Progress in Oceanography, 2009, 83, 33-48.	1.5	317
35	A separated jet and coastal counterflow during upwelling relaxation off Cape São Vicente (Iberian) Tj ETQq1 1 0.784314 rgBT /Overloc	0.9	75
36	The Guajira upwelling system. Continental Shelf Research, 2005, 25, 1003-1022.	0.9	112

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37	Variability in the Canary Islands area of filament-eddy exchanges. Progress in Oceanography, 2004, 62, 71-94.	1.5	90
38	Distribution and transport of organic matter along a filament-eddy system in the Canaries " NW Africa coastal transition zone region. Progress in Oceanography, 2004, 62, 115-129.	1.5	39
39	Spatial patterns of wind and sea surface temperature in the Galician upwelling region. Journal of Geophysical Research, 2003, 108, .	3.3	101
40	Evidence for an eastward flow along the Central and South American Caribbean Coast. Journal of Geophysical Research, 2003, 108, .	3.3	77
41	Eddy development and motion in the Caribbean Sea. Journal of Geophysical Research, 2000, 105, 26191-26201.	3.3	103
42	Lee region of Gran Canaria. Journal of Geophysical Research, 2000, 105, 17173-17193.	3.3	85
43	The physical structure of an upwelling filament off the North-West African coast during August 1993. African Journal of Marine Science, 1998, 19, 61-73.	0.6	23
44	Offshore wind forcing in the Gulf of Tehuantepec, Mexico: The asymmetric circulation. Journal of Geophysical Research, 1995, 100, 20649.	3.3	107
45	Development, persistence, and variability of upwelling filaments off the Atlantic coast of the Iberian Peninsula. Journal of Geophysical Research, 1993, 98, 22681-22692.	3.3	194
46	Temporal variation observed in the hydrographic regime near Cabo Corveiro in the northwest African upwelling region, February to April 1974. Deep-sea Research, 1977, 24, 7-23.	1.5	84
47	Circulation in the canary current upwelling region off Cabo Bojador in August 1972. Deep Sea Research and Oceanographic Abstracts, 1975, 22, 547-558.	0.3	5