

David M Checkley

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,973
citations

394421

19
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

2590
citing authors

#	ARTICLE	IF	CITATIONS
1	Patterns and processes in the California Current System. <i>Progress in Oceanography</i> , 2009, 83, 49-64.	3.2	464
2	Influence of ocean winds on the pelagic ecosystem in upwelling regions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1965-1970.	7.1	351
3	Elevated CO ₂ Enhances Otolith Growth in Young Fish. <i>Science</i> , 2009, 324, 1683-1683.	12.6	189
4	Climate, fishing, and fluctuations of sardine and anchovy in the California Current. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13672-13677.	7.1	158
5	Climate, Anchovy, and Sardine. <i>Annual Review of Marine Science</i> , 2017, 9, 469-493.	11.6	147
6	Particle size distributions in the upper 100m water column and their implications for animal feeding in the plankton. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 283-297.	1.4	89
7	Improved management of small pelagic fisheries through seasonal climate prediction. <i>Ecological Applications</i> , 2017, 27, 378-388.	3.8	72
8	Temperature dependence of Pacific sardine (<i>Sardinops sagax</i>) recruitment in the California Current Ecosystem revisited and revised. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 245-252.	1.4	68
9	Continuous, underway sampling of eggs of Pacific sardine (<i>Sardinops sagax</i>) and northern anchovy (<i>Engraulis mordax</i>) in spring 1996 and 1997 off southern and central California. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2000, 47, 1139-1155.	1.4	66
10	Remotely sensed spawning habitat of Pacific sardine (<i>Sardinops sagax</i>) and Northern anchovy (<i>Engraulis mordax</i>) within the California Current. <i>Fisheries Oceanography</i> , 2008, 17, 126-136.	1.7	49
11	Application of a data-assimilation model to variability of Pacific sardine spawning and survivor habitats with ENSO in the California Current System. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	39
12	Resilience and stability of a pelagic marine ecosystem. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, .	2.6	33
13	Vertical distribution of diapausing <i>Calanus pacificus</i> (Copepoda) and implications for transport in the California undercurrent. <i>Progress in Oceanography</i> , 2004, 62, 1-13.	3.2	29
14	Responses in growth rate of larval northern anchovy (<i>Engraulis mordax</i>) to anomalous upwelling in the northern California Current. <i>Fisheries Oceanography</i> , 2012, 21, 393-404.	1.7	25
15	Aggregates and their distributions determined from LOPC observations made using an autonomous profiling float. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 74, 64-81.	1.4	24
16	The distribution and vertical flux of fecal pellets from large zooplankton in Monterey bay and coastal California. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 94, 72-86.	1.4	24
17	Climate-mediated changes in marine ecosystem regulation during El Niño. <i>Global Change Biology</i> , 2018, 24, 796-809.	9.5	24
18	Predicting the vertical profiles of anchovy (<i>Engraulis mordax</i>) and sardine (<i>Sardinops sagax</i>) eggs in the California Current System. <i>Fisheries Oceanography</i> , 2007, 16, 68-84.	1.7	22

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19	Settling of particles in the upper 100 m of the ocean detected with autonomous profiling floats off California. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 99, 75-86.	1.4	21
20	Climate variability and sardine recruitment in the California Current: A mechanistic analysis of an ecosystem model. <i>Fisheries Oceanography</i> , 2018, 27, 602-622.	1.7	18
21	Mesopelagic fishes dominate otolith record of past two millennia in the Santa Barbara Basin. <i>Nature Communications</i> , 2019, 10, 4564.	12.8	15
22	A new method to measure the terminal velocity of small particles: A demonstration using ascending eggs of the Atlantic menhaden (<i>Brevoortia tyrannus</i>). <i>Limnology and Oceanography</i> , 1998, 43, 1722-1727.	3.1	11
23	Sea Surface Temperature Variability at the Scripps Institution of Oceanography Pier*. <i>Journal of Physical Oceanography</i> , 2014, 44, 2877-2892.	1.7	10
24	Ion-transporting capacity and aerobic respiration of larval white seabass (<i>Atractoscion nobilis</i>) may be resilient to ocean acidification conditions. <i>Science of the Total Environment</i> , 2021, 791, 148285.	8.0	10
25	Classification of otoliths of fishes common in the Santa Barbara Basin based on morphology and chemical composition. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 1195-1207.	1.4	5
26	Spatial patterns of Anchoveta (<i>Engraulis ringens</i>) eggs and larvae in relation to CO ₂ in the Peruvian upwelling system. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170509.	2.6	5
27	Improving landings forecasts using environmental covariates: A case study on the Indian oil sardine (<i>Sardinella longiceps</i>). <i>Fisheries Oceanography</i> , 2021, 30, 623-642.	1.7	5