Eric Sanford

List of Publications by Year
in descending order

23 papers	1,837 citations	471509 17 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	2770 citing authors

#	Article	IF	Citations
1	Local Adaptation in Marine Invertebrates. Annual Review of Marine Science, 2011, 3, 509-535.	11.6	632
2	Ocean acidification can mediate biodiversity shifts by changing biogenic habitat. Nature Climate Change, 2017, 7, 81-85.	18.8	164
3	Body temperature during low tide alters the feeding performance of a top intertidal predator. Limnology and Oceanography, 2008, 53, 1562-1573.	3.1	121
4	Chemical and biological impacts of ocean acidification along the west coast of North America. Estuarine, Coastal and Shelf Science, 2016, 183, 260-270.	2.1	121
5	Predicting the Effects of Ocean Acidification on Predator-Prey Interactions: A Conceptual Framework Based on Coastal Molluscs. Biological Bulletin, 2014, 226, 211-222.	1.8	108
6	LARVAL TOLERANCE, GENE FLOW, AND THE NORTHERN GEOGRAPHIC RANGE LIMIT OF FIDDLER CRABS. Ecology, 2006, 87, 2882-2894.	3.2	103
7	Ocean acidification increases the vulnerability of native oysters to predation by invasive snails. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132681.	2.6	82
8	Larval carryâ€over effects from ocean acidification persist in the natural environment. Global Change Biology, 2013, 19, 3317-3326.	9.5	75
9	The Role of Temperature in Determining Species' Vulnerability to Ocean Acidification: A Case Study Using Mytilus galloprovincialis. PLoS ONE, 2014, 9, e100353.	2.5	64
10	Transcriptomic responses to seawater acidification among sea urchin populations inhabiting a natural pH mosaic. Molecular Ecology, 2017, 26, 2257-2275.	3.9	62
11	Ocean acidification alters the response of intertidal snails to a key sea star predator. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160890.	2.6	61
12	Coastâ€wide evidence of low pH amelioration by seagrass ecosystems. Global Change Biology, 2021, 27, 2580-2591.	9.5	56
13	Transcriptomic responses to extreme low salinity among locally adapted populations of Olympia oyster (Ostrea lurida). Molecular Ecology, 2018, 27, 4225-4240.	3.9	41
14	Genetic differences among populations of a marine snail drive geographic variation in predation. Ecology, 2009, 90, 3108-3118.	3.2	35
15	Local adaptation along a continuous coastline: Prey recruitment drives differentiation in a predatory snail. Ecology, 2010, 91, 891-901.	3.2	26
16	Ocean acidification research in the â€˜post-genomicâ€™ era: Roadmaps from the purple sea urchin Strongylocentrotus purpuratus. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 185, 33-42.	1.8	18
17	Historical baselines and the future of shell calcification for a foundation species in a changing ocean. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160392.	2.6	17
18	Copper Pollution Increases the Relative Importance of Predation Risk in an Aquatic Food Web. PLoS ONE, 2015, 10, e0133329.	2.5	16

#	Article	IF	Citations
19	Seagrass-driven changes in carbonate chemistry enhance oyster shell growth. Oecologia, 2021, 196, 565-576.	2.0	13
20	Differences in induced thermotolerance among populations of Olympia oysters. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2020, 239, 110563.	1.8	8
21	A nonâ€lethal method for estimation of gonad and pyloric caecum indices in sea stars. Invertebrate Biology, 2009, 128, 372-380.	0.9	7
22	Northern Distribution of the Seaweed Limpet Lottia insessa (Mollusca: Gastropoda) along the Pacific Coast. Pacific Science, 2013, 67, 303-313.	0.6	5
23	Commentary: Overstated Potential for Seagrass Meadows to Mitigate Coastal Ocean Acidification. Frontiers in Marine Science, 2022, 9, .	2.5	2