

# A global assessment of the vulnerability of shellfish aquaculture to ocean acidification

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Climate Change, Migration, and Civil Strife. <i>Current Environmental Health Reports</i> , 2020, 7, 404-414.	6.7	37
2	Deciphering mollusc shell production: the roles of genetic mechanisms through to ecology, aquaculture and biomimetics. <i>Biological Reviews</i> , 2020, 95, 1812-1837.	10.4	63
3	Research progress on applications of calcium derived from marine organisms. <i>Scientific Reports</i> , 2020, 10, 18425.	3.3	36
4	Stakeholder perspectives on the importance of water quality and other constraints for sustainable mariculture. <i>Environmental Science and Policy</i> , 2020, 114, 506-518.	4.9	20
5	Harnessing the potential of cross-protection stressor interactions for conservation: a review. , 2021, 9, .		20
6	Synoptic assessment of coastal total alkalinity through community science. <i>Environmental Research Letters</i> , 2021, 16, 024009.	5.2	6
7	Ocean Acidification State in the Highly Eutrophic Tokyo Bay, Japan: Controls on Seasonal and Interannual Variability. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	7
8	Optimizing surveillance for early disease detection: Expert guidance for Ostreid herpesvirus surveillance design and system sensitivity calculation. <i>Preventive Veterinary Medicine</i> , 2021, 194, 105419.	1.9	4
9	Emerging trends in science and news of climate change threats to and adaptation of aquaculture. <i>Aquaculture</i> , 2022, 549, 737812.	3.5	26
10	Vulnerable vegetables and efficient fishers: A study of primary production food losses and waste in Ireland. <i>Journal of Environmental Management</i> , 2022, 307, 114498.	7.8	7
11	Comparative Transcriptomics of the Northern Quahog <i>Mercenaria mercenaria</i> and Southern Quahog <i>Mercenaria campechiensis</i> in Response to Chronic Heat Stress. <i>Marine Biotechnology</i> , 2022, 24, 276-292.	2.4	2
12	Blood biochemical variables, antioxidative status, and histological features of intestinal, gill, and liver tissues of African catfish ( <i>Clarias gariepinus</i> ) exposed to high salinity and high-temperature stress. <i>Environmental Science and Pollution Research</i> , 2022, 29, 56357-56369.	5.3	14
13	A global and regional view of the opportunity for climate-smart mariculture. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20210128.	4.0	5
14	California shellfish farmers: Perceptions of changing ocean conditions and strategies for adaptive capacity. <i>Ocean and Coastal Management</i> , 2022, 225, 106155.	4.4	2
15	Meta-analysis suggests negative, but $\text{CO}_2$ -specific, effects of ocean acidification on the structural and functional properties of crustacean biomaterials. <i>Ecology and Evolution</i> , 2022, 12, .	1.9	4
16	Metabolic rate allometry in intertidal mussels across environmental gradients: The role of coastal carbonate system parameters in mediating the effects of latitude and temperature. <i>Marine Pollution Bulletin</i> , 2022, 184, 114149.	5.0	2
17	Assessing the risks to clam farming in Northern Vietnam within a climate change context. <i>Aquaculture Research</i> , 2022, 53, 6272-6282.	1.8	2
18	Wild oyster population resistance to ocean acidification adversely affected by bacterial infection. <i>Environmental Pollution</i> , 2023, 317, 120813.	7.5	2

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19	The Perspective of Climate Change on the Aquatic Environment and Fish Production. , 2022, , 3-22.		1
20	Severe climate change risks to food security and nutrition. <i>Climate Risk Management</i> , 2023, 39, 100473.	3.2	15
21	Oregon shellfish farmers: Perceptions of stressors, adaptive strategies, and policy linkages. <i>Ocean and Coastal Management</i> , 2023, 234, 106475.	4.4	2
22	Sowing Machine for Scallop Seedling in Bottom-culture. <i>Journal of Physics: Conference Series</i> , 2023, 2437, 012087.	0.4	0
23	Ocean acidification drives gut microbiome changes linked to species-specific immune defence. <i>Aquatic Toxicology</i> , 2023, 256, 106413.	4.0	4
24	Environmental DNA metabarcoding describes biodiversity across marine gradients. <i>ICES Journal of Marine Science</i> , 2023, 80, 953-971.	2.5	2
25	Temporal dimensions of taxonomic and functional fish beta diversity: scaling environmental drivers in tropical transitional ecosystems. <i>Hydrobiologia</i> , 2023, 850, 1911-1940.	2.0	0
26	Acidification alters sediment nitrogen source-sink dynamics in eelgrass ( <i>Zostera marina</i> (L.)) beds. <i>Biogeochemistry</i> , 0, , .	3.5	0
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28	Molluscan aquaculture in the Philippines: a review. <i>Aquaculture International</i> , 2023, 31, 2977-3001.	2.2	1
29	Coupling habitat-specific temperature scenarios with tolerance landscape to predict the impacts of climate change on farmed bivalves. <i>Marine Environmental Research</i> , 2023, 188, 106038.	2.5	1
30	Assessment of Risks Associated with Extreme Climate Events in Small-Scale Bivalve Fisheries: Conceptual Maps for Decision-Making Based on a Review of Recent Studies. <i>Journal of Marine Science and Engineering</i> , 2023, 11, 1216.	2.6	2
31	Spatio-temporal variations of growth, chemical composition, and gene expression in Mediterranean mussels ( <i>Mytilus galloprovincialis</i> ): A two-year study in the Venice lagoon under anthropogenic and climate changing scenarios. <i>Aquaculture</i> , 2024, 578, 740111.	3.5	0
32	Aquaculture governance: five engagement arenas for sustainability transformation. <i>Current Opinion in Environmental Sustainability</i> , 2023, 65, 101379.	6.3	3
33	Sexual dimorphism in the gonad lipidome of blue mussels ( <i>Mytilus</i> sp.): New insights from a global lipidomics approach. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2023, , 101150.	1.0	0
34	Spatiotemporal variation of Chinaâ€™s mariculture potential under climate change. <i>Reviews in Fish Biology and Fisheries</i> , 2024, 34, 315-335.	4.9	0
35	A mechanistic model approach to characterize suitable regions for <i>Salmo salar</i> aquaculture in the Yellow Sea under global warming. <i>Ocean and Coastal Management</i> , 2024, 249, 106986.	4.4	0
36	The interplay of freshwater inputs and catchment geology in regulating seawater chemistry in Irish coastal areas. <i>Estuarine, Coastal and Shelf Science</i> , 2024, 297, 108623.	2.1	0