

# Shawna A Foo

## List of Publications by Citations

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28  
papers

587  
citations

14  
h-index

24  
g-index

33  
ext. papers

759  
ext. citations

4.5  
avg, IF

4.69  
L-index

#	Paper	IF	Citations
28	Adaptive capacity of the habitat modifying sea urchin <i>Centrostephanus rodgersii</i> to ocean warming and ocean acidification: performance of early embryos. <i>PLoS ONE</i> , <b>2012</b> , 7, e42497	3.7	101
27	Acclimatization and Adaptive Capacity of Marine Species in a Changing Ocean. <i>Advances in Marine Biology</i> , <b>2016</b> , 74, 69-116	2.1	55
26	Limitations of cross- and multigenerational plasticity for marine invertebrates faced with global climate change. <i>Global Change Biology</i> , <b>2020</b> , 26, 80-102	11.4	48
25	Effects of ocean warming and acidification on embryos and non-calcifying larvae of the invasive sea star <i>Patiriella regularis</i> . <i>Marine Ecology - Progress Series</i> , <b>2013</b> , 473, 235-246	2.6	46
24	Land Use Impacts on Coral Reef Health: A Ridge-to-Reef Perspective. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	41
23	Ocean warming will mitigate the effects of acidification on calcifying sea urchin larvae ( <i>Heliocidaris tuberculata</i> ) from the Australian global warming hot spot. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2013</b> , 448, 250-257	2.1	36
22	Scaling Up Coral Reef Restoration Using Remote Sensing Technology. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	33
21	Ocean acidification has little effect on developmental thermal windows of echinoderms from Antarctica to the tropics. <i>Global Change Biology</i> , <b>2017</b> , 23, 657-672	11.4	29
20	Impacts of ocean acidification on development of the meroplanktonic larval stage of the sea urchin <i>Centrostephanus rodgersii</i> . <i>ICES Journal of Marine Science</i> , <b>2012</b> , 69, 460-464	2.7	27
19	Marine gametes in a changing ocean: Impacts of climate change stressors on fecundity and the egg. <i>Marine Environmental Research</i> , <b>2017</b> , 128, 12-24	3.3	25
18	Increased temperature, but not acidification, enhances fertilization and development in a tropical urchin: potential for adaptation to a tropicalized eastern Australia. <i>Evolutionary Applications</i> , <b>2014</b> , 7, 1226-37	4.8	20
17	Contributions of genetic and environmental variance in early development of the Antarctic sea urchin <i>Sterechinus neumayeri</i> in response to increased ocean temperature and acidification. <i>Marine Biology</i> , <b>2016</b> , 163, 1	2.5	15
16	Paternal identity influences response of <i>Acanthaster planci</i> embryos to ocean acidification and warming. <i>Coral Reefs</i> , <b>2017</b> , 36, 325-338	4.2	15
15	Adaptive capacity of the sea urchin <i>Heliocidaris erythrogramma</i> to ocean change stressors: responses from gamete performance to the juvenile. <i>Marine Ecology - Progress Series</i> , <b>2016</b> , 556, 161-172	2.6	14
14	Cherchez la femme - impact of ocean acidification on the egg jelly coat and attractants for sperm. <i>Journal of Experimental Biology</i> , <b>2018</b> , 221,	3	12
13	Residing at low pH matters, resilience of the egg jelly coat of sea urchins living at a CO <sub>2</sub> vent site. <i>Marine Biology</i> , <b>2018</b> , 165, 1	2.5	10
12	The Effects of Salinity and pH on Fertilization, Early Development, and Hatching in the Crown-of-Thorns Seastar. <i>Diversity</i> , <b>2017</b> , 9, 13	2.5	9

11	Sea surface temperature in coral reef restoration outcomes. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 074045	6.2	9
10	Photo-movement in the sea anemone <i>Aiptasia</i> influenced by light quality and symbiotic association. <i>Coral Reefs</i> , <b>2020</b> , 39, 47-54	4.2	8
9	Synergistic benefits of conserving land-sea ecosystems. <i>Global Ecology and Conservation</i> , <b>2021</b> , 28, e016848	4.8	7
8	Responses of sea urchin larvae to field and laboratory acidification. <i>Science of the Total Environment</i> , <b>2020</b> , 723, 138003	10.2	6
7	Impacts of remotely sensed environmental drivers on coral outplant survival. <i>Restoration Ecology</i> , <b>2021</b> , 29,	3.1	6
6	Variability in egg and jelly-coat size and their contribution to target size for spermatozoa: a review for the Echinodermata. <i>Marine and Freshwater Research</i> , <b>2019</b> , 70, 995	2.2	5
5	Impacts of pollution, fishing pressure, and reef rugosity on resource fish biomass in West Hawaii. <i>Ecological Applications</i> , <b>2021</b> , 31, e2213	4.9	4
4	Coral Bleaching Detection in the Hawaiian Islands Using Spatio-Temporal Standardized Bottom Reflectance and Planet Dove Satellites. <i>Remote Sensing</i> , <b>2020</b> , 12, 3219	5	3
3	Forecasting impacts of ocean acidification on marine communities: Utilizing volcanic CO vents as natural laboratories. <i>Global Change Biology</i> , <b>2021</b> , 27, 1995-1997	11.4	2
2	Mapped coral mortality and refugia in an archipelago-scale marine heat wave.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2123331119	11.5	1
1	Depth-dependent indicators of algal turf herbivory throughout the Main Hawaiian Islands. <i>Coral Reefs</i> , <b>2021</b> , 40, 1397-1408	4.2	