Shawn M Arellano

List of Publications by Year
in descending order

19 papers	705 citations	567281 15 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	818 citing authors

#	Article	IF	Citations
1	Dispersal of Deep-Sea Larvae from the Intra-American Seas: Simulations of Trajectories using Ocean Models. Integrative and Comparative Biology, 2012, 52, 483-496.	2.0	103
2	Spawning, Development, and the Duration of Larval Life in a Deep-Sea Cold-Seep Mussel. Biological Bulletin, 2009, 216, 149-162.	1.8	83
3	Larvae from deep-sea methane seeps disperse in surface waters. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133276.	2.6	78
4	Toward an Understanding of the Molecular Mechanisms of Barnacle Larval Settlement: A Comparative Transcriptomic Approach. PLoS ONE, 2011, 6, e22913.	2.5	72
5	Gametogenic periodicity in the chemosynthetic cold-seep mussel â€œBathymodiolusâ€•childressi. Marine Biology, 2007, 150, 829-840.	1.5	55
6	Larval Dispersal: Vent Life in the Water Column. Oceanography, 2012, 25, 256-268.	1.0	52
7	Comparative Proteome and Phosphoproteome Analyses during Cyprid Development of the Barnacle <i>Balanus</i> (<i>=Amphibalanus</i>) <i>amphitrite</i>. Journal of Proteome Research, 2010, 9, 3146-3157.	3.7	47
8	Low salinity stress experienced by larvae does not affect post-metamorphic growth or survival in three calyptraeid gastropods. Journal of Experimental Marine Biology and Ecology, 2011, 397, 94-105.	1.5	30
9	2D Gel-Based Multiplexed Proteomic Analysis during Larval Development and Metamorphosis of the Biofouling Polychaete Tubeworm Hydroides elegans. Journal of Proteome Research, 2010, 9, 4851-4860.	3.7	27
10	Deep Sequencing of Myxilla (Ectyomyxilla) methanophila, an Epibiotic Sponge on Cold-Seep Tubeworms, Reveals Methylotrophic, Thiotrophic, and Putative Hydrocarbon-Degrading Microbial Associations. Microbial Ecology, 2013, 65, 450-461.	2.8	25
11	Quantitative Proteomics Identify Molecular Targets That Are Crucial in Larval Settlement and Metamorphosis of<i>Bugula neritina</i>. Journal of Proteome Research, 2011, 10, 349-360.	3.7	22
12	Temperature and salinity, not acidification, predict near-future larval growth and larval habitat suitability of Olympia oysters in the Salish Sea. Scientific Reports, 2020, 10, 13787.	3.3	21
13	Growth, development and condition of Dendraster excentricus (Eschscholtz) larvae reared on natural and laboratory diets. Journal of Plankton Research, 2004, 26, 901-908.	1.8	20
14	Temperature and salinity tolerances of embryos and larvae of the deep-sea mytilid mussel â€œBathymodiolusâ€•childressi. Marine Biology, 2011, 158, 2481-2493.	1.5	19
15	Dependency on de novo protein synthesis and proteomic changes during metamorphosis of the marine bryozoan Bugula neritina. Proteome Science, 2010, 8, 25.	1.7	15
16	Variation in vertical distribution of sand dollar larvae relative to haloclines, food, and fish cues. Journal of Experimental Marine Biology and Ecology, 2012, 414-415, 28-37.	1.5	15
17	Physiological and behavioral responses of Bathynerita naticoidea (Gastropoda: Neritidae) and Methanoaricia dendrobranchiata (Polychaeta: Orbiniidae) to hypersaline conditions at a brine pool cold seep. Marine Ecology, 2007, 28, 199-207.	1.1	11
18	Pre- and post-settlement factors controlling spatial variation in recruitment across a cold-seep mussel bed. Marine Ecology - Progress Series, 2010, 414, 131-144.	1.9	7

#	Article	IF	Citations
19	Location Matters: Passive and Active Factors Affect the Vertical Distribution of Olympia Oyster (Ostrea lurida) Larvae. Estuaries and Coasts, 2021, 44, 199-213.	2.2	3