

Chan, Kit Yu Karen

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Microplastics impede larval urchin selective feeding. <i>Science of the Total Environment</i> , 2022, 838, 155770. | 8.0 | 5 |
| 2 | A Tail's Tale: Biomechanical Roles of Dorsal Thoracic Spine of Barnacle Nauplii. <i>Integrative and Comparative Biology</i> , 2021, , . | 2.0 | 0 |
| 3 | Parental whole life cycle exposure modulates progeny responses to ocean acidification in slipper limpets. <i>Global Change Biology</i> , 2021, 27, 3272-3281. | 9.5 | 11 |
| 4 | Synthesis of Thresholds of Ocean Acidification Impacts on Echinoderms. <i>Frontiers in Marine Science</i> , 2021, 8, . | 2.5 | 15 |
| 5 | Thermal tolerance of early development predicts the realized thermal niche in marine ectotherms. <i>Functional Ecology</i> , 2021, 35, 1679-1692. | 3.6 | 14 |
| 6 | Near future ocean acidification modulates the physiological impact of fluoxetine at environmental concentration on larval urchins. <i>Science of the Total Environment</i> , 2021, 801, 149709. | 8.0 | 6 |
| 7 | Vertical distribution of echinoid larvae in pH stratified water columns. <i>Marine Biology</i> , 2020, 167, 1. | 1.5 | 6 |
| 8 | Temporal variability modulates pH impact on larval sea urchin development. , 2020, 8, coaa008. | | 4 |
| 9 | Swimming kinematics and hydrodynamics of barnacle larvae throughout development. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201360. | 2.6 | 7 |
| 10 | Resilience of invasive tubeworm (<i>Hydroides dirampha</i>) to warming and salinity stress and its implications for biofouling community dynamics. <i>Marine Biology</i> , 2020, 167, 1. | 1.5 | 3 |
| 11 | Documenting neotropical diversity of phoronids with <sc>DNA</sc> barcoding of planktonic larvae. <i>Invertebrate Biology</i> , 2019, 138, e12242. | 0.9 | 10 |
| 12 | Interactive effects of temperature and salinity on early life stages of the sea urchin <i>Heliocidaris crassispina</i> . <i>Marine Biology</i> , 2018, 165, 1. | 1.5 | 20 |
| 13 | Microplastics reduced posterior segment regeneration rate of the polychaete <i>Perinereis aibuhitensis</i> . <i>Marine Pollution Bulletin</i> , 2018, 129, 782-786. | 5.0 | 44 |
| 14 | Negative effects of microplastic exposure on growth and development of <i>Crepidula onyx</i> . <i>Environmental Pollution</i> , 2018, 233, 588-595. | 7.5 | 146 |
| 15 | Revisiting the larval dispersal black box in the Anthropocene. <i>ICES Journal of Marine Science</i> , 2018, 75, 1841-1848. | 2.5 | 20 |
| 16 | Phylogenetic, ecological and biomechanical constraints on larval form: A comparative morphological analysis of barnacle nauplii. <i>PLoS ONE</i> , 2018, 13, e0206973. | 2.5 | 7 |
| 17 | Development of the sea urchin <i>Heliocidaris crassispina</i> from Hong Kong is robust to ocean acidification and copper contamination. <i>Aquatic Toxicology</i> , 2018, 205, 1-10. | 4.0 | 20 |
| 18 | Ocean acidification increases larval swimming speed and has limited effects on spawning and settlement of a robust fouling bryozoan, <i>Bugula neritina</i> . <i>Marine Pollution Bulletin</i> , 2017, 124, 903-910. | 5.0 | 25 |

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|----|--|-----|-----------|
| 19 | Resilience of the larval slipper limpet <i>Crepidula onyx</i> to direct and indirect-diet effects of ocean acidification. <i>Scientific Reports</i> , 2017, 7, 12062. | 3.3 | 26 |
| 20 | A Cryptic Marine Ciliate Feeds on Progametes of <i>Noctiluca scintillans</i> . <i>Protist</i> , 2017, 168, 1-11. | 1.5 | 5 |
| 21 | The sea urchin <i>Lytechinus variegatus</i> lives close to the upper thermal limit for early development in a tropical lagoon. <i>Ecology and Evolution</i> , 2016, 6, 5623-5634. | 1.9 | 34 |
| 22 | Ontogenetic changes in larval swimming and orientation of pre-competent sea urchin <i>Arbacia punctulata</i> in turbulence. <i>Journal of Experimental Biology</i> , 2016, 219, 1303-1310. | 1.7 | 24 |
| 23 | Impacts of ocean acidification on survival, growth, and swimming behaviours differ between larval urchins and brittlestars. <i>ICES Journal of Marine Science</i> , 2016, 73, 951-961. | 2.5 | 33 |
| 24 | Acidification reduced growth rate but not swimming speed of larval sea urchins. <i>Scientific Reports</i> , 2015, 5, 9764. | 3.3 | 43 |
| 25 | Ocean acidification induces budding in larval sea urchins. <i>Marine Biology</i> , 2013, 160, 2129-2135. | 1.5 | 11 |
| 26 | Silicic acid supplied to coastal diatom communities influences cellular silicification and the potential export of carbon. <i>Limnology and Oceanography</i> , 2013, 58, 1707-1726. | 3.1 | 16 |
| 27 | Swimming Speed of Larval Snail Does Not Correlate with Size and Ciliary Beat Frequency. <i>PLoS ONE</i> , 2013, 8, e82764. | 2.5 | 15 |
| 28 | An Interdisciplinary Guided Inquiry on Estuarine Transport Using a Computer Model in High School Classrooms. <i>American Biology Teacher</i> , 2012, 74, 26-33. | 0.2 | 4 |
| 29 | Biomechanics of Larval Morphology Affect Swimming: Insights from the Sand Dollars <i>Dendraster excentricus</i> . <i>Integrative and Comparative Biology</i> , 2012, 52, 458-469. | 2.0 | 41 |
| 30 | Effects of ocean-acidification-induced morphological changes on larval swimming and feeding. <i>Journal of Experimental Biology</i> , 2011, 214, 3857-3867. | 1.7 | 94 |
| 31 | Temperature and diet modified swimming behaviors of larval sand dollar. <i>Marine Ecology - Progress Series</i> , 2010, 415, 49-59. | 1.9 | 26 |