

# Publications for Hong Dao Nguyen

## 2018

Hariato, J., Nguyen, H., Holmes, S., Byrne, M. (2018). The effect of warming on mortality, metabolic rate, heat-shock protein response and gonad growth in thermally acclimated sea urchins (*Heliocidaris erythrogramma*). *Marine Biology*, 165(6), 1-12. <a href="http://dx.doi.org/10.1007/s00227-018-3353-8">[More Information]</a>

## 2016

Lilje, O., Pye, M., Nguyen, H., Taylor, C. (2016). Challenges for students in the transition to communicating as biologists. *Australian Conference on Science and Mathematics Education (The 22nd UniServe Science Conference)*, Brisbane.

## 2014

Nguyen, H., Byrne, M. (2014). Early benthic juvenile *Parvulastra exigua* (Asteroidea) are tolerant to extreme acidification and warming in its intertidal habitat. *Journal of Experimental Marine Biology and Ecology*, 453, 36-42. <a href="http://dx.doi.org/10.1016/j.jembe.2013.12.007">[More Information]</a>

Uthicke, S., Liddy, M., Nguyen, H., Byrne, M. (2014). Interactive effects of near-future temperature increase and ocean acidification on physiology and gonad development in adult Pacific sea urchin, *Echinometra* sp. A. *Coral Reefs*, 33(3), 831-845. <a href="http://dx.doi.org/10.1007/s00338-014-1165-y">[More Information]</a>

## 2013

Nguyen, H., Byrne, M., Thomson, M. (2013). Hsp70 expression in the south-eastern Australian sea urchins *Heliocidaris erythrogramma* and *H. tuberculata*. *Echinoderms in a Changing World: 13th International Echinoderm Conference*, Leiden, The Netherlands: CRC Press/Balkema. <a href="http://dx.doi.org/10.1201/b13769-31">[More Information]</a>

Byrne, M., Foo, S., Soars, N., Wolfe, K., Nguyen, H., Hardy, N., Dworjanyan, S. (2013). Ocean warming will mitigate the effects of acidification on calcifying sea urchin larvae (*Heliocidaris tuberculata*) from the Australian global warming hot spot. *Journal of Experimental Marine Biology and Ecology*, 448, 250-257. <a href="http://dx.doi.org/10.1016/j.jembe.2013.07.016">[More Information]</a>

## 2012

Nguyen, H., Doo, S., Soars, N., Byrne, M. (2012). Noncalcifying larvae in a changing ocean: warming not acidification/hypercapnia, is the dominant stressor on development of the sea star *Meridiastra calcar*. *Global Change Biology*, 18, 2466-2476. <a href="http://dx.doi.org/10.1111/j.1365-2486.2012.02714.x">[More Information]</a>

Doo, S., Mayfield, A., Byrne, M., Chen, H., Nguyen, H., Fan, T. (2012). Reduced expression of the rate-limiting carbon fixation enzyme RuBisCO in the benthic foraminifer *Baculogypsina sphaerulata* holobiont in response to heat shock. *Journal of Experimental Marine Biology and Ecology*, 430-431, 63-67. <a href="http://dx.doi.org/10.1016/j.jembe.2012.06.025">[More

Information]</a>

McElroy, D., Nguyen, H., Byrne, M. (2012). Respiratory response of the intertidal seastar *Parvulastra exigua* to contemporary and near-future pulses of warming and hypercapnia. *Journal of Experimental Marine Biology and Ecology*, 416-417(4), 1-7. <a href="http://dx.doi.org/10.1016/j.jembe.2012.02.003">[More Information]</a>

## 2011

Byrne, M., Selvakumaraswamy, P., Woolsey, E., Nguyen, H. (2011). Sea urchin development in a global change hotspot, potential for southerly migration of thermotolerant propagules. *Deep-Sea Research. Part 2: Topical Studies in Oceanography*, 58(5), 712-719. <a href="http://dx.doi.org/10.1016/j.dsr2.2010.06.010">[More Information]</a>

Christensen, A., Nguyen, H., Byrne, M. (2011). Thermotolerance and the effects of hypercapnia on the metabolic rate of the ophiuroid *Ophionereis schayeri*: Inferences for survivorship in a changing ocean. *Journal of Experimental Marine Biology and Ecology*, 403(1-2), 31-38. <a href="http://dx.doi.org/10.1016/j.jembe.2011.04.002">[More Information]</a>

## 2009

Byrne, M., Ho, M., Selvakumaraswamy, P., Nguyen, H., Dworjanyan, S., Davis, A. (2009). Temperature, but not pH, compromises sea urchin fertilization and early development under near-future climate change scenarios. *Proceedings of the Royal Society B: Biological Sciences*, 276(1663), 1883-1888. <a href="http://dx.doi.org/10.1098/rspb.2008.1935">[More Information]</a>