

FIU@Home: Discover Mantis Shrimp Vision

Check out the publications on mantis shrimp based on the research conducted at Aquarius.

Cronin, T. W., & Caldwell, R. L. (2002). Tuning of photoreceptor function in three mantis shrimp species that inhabit a range of depths. II. Filter pigments. *Journal of Comparative Physiology A*, 188(3), 187-197.

Cronin, T. W., Marshall, N. J., & Caldwell, R. L. (2000). Spectral tuning and the visual ecology of mantis shrimps. *Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences*, 355(1401), 1263-1267.

Cronin, T. W., & Marshall, J. (2001). Parallel processing and image analysis in the eyes of mantis shrimps. *The Biological Bulletin*, 200(2), 177-183.

Cronin, T. W., Marshall, N. J., & Caldwell, R. L. (1996). Visual pigment diversity in two genera of mantis shrimps implies rapid evolution (Crustacea; Stomatopoda). *Journal of Comparative Physiology A*, 179(3), 371-384.

Mazel, C. H., Cronin, T. W., Caldwell, R. L., & Marshall, N. J. (2004). Fluorescent enhancement of signaling in a mantis shrimp. *Science*, 303(5654), 51-51.