



Vadim Pavlov

Basic Life Research Scientist
Oceans

Bio

ACADEMIC APPOINTMENTS

- Basic Life Research Scientist, Oceans

Publications

PUBLICATIONS

- **COMPUTATIONAL INVESTIGATION OF THRUST PRODUCTION OF A DOLPHIN AT VARIOUS SWIMMING SPEEDS**
Wang, J., Pavlov, V., Lou, Z., Dong, H., ASME
AMER SOC MECHANICAL ENGINEERS.2021
- **Form, function, and divergence of a generic fin shape in small cetaceans** *PLOS ONE*
Pavlov, V., Vincent, C., Mikkelsen, B., Lebeau, J., Ridoux, V., Siebert, U.
2021; 16 (8): e0255464
- **Hydraulic control of tuna fins: A role for the lymphatic system in vertebrate locomotion.** *Science (New York, N.Y.)*
Pavlov, V. n., Rosental, B. n., Hansen, N. F., Beers, J. M., Parish, G. n., Rowbotham, I. n., Block, B. A.
2017; 357 (6348): 310–14