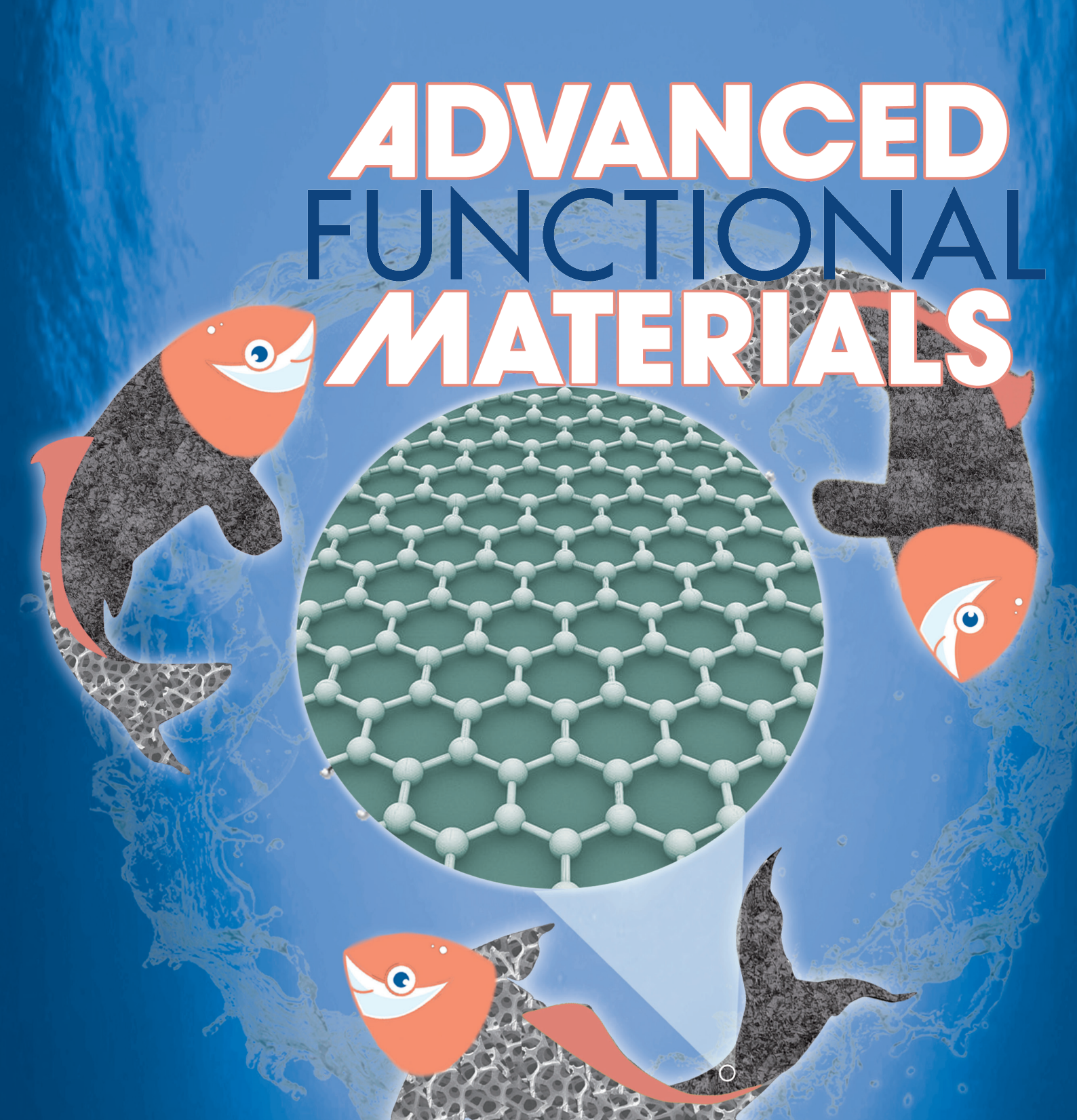


ADVANCED FUNCTIONAL MATERIALS



ROBOTICS

Artificial fish swim in water in a controllable manner remotely driven by near infrared light (nIR). On page 7598, W. Jiang, H. Liu, and co-workers present a fish-like soft robot constituted by a PDMS/graphene-nanoplatelets composited layer (PDMS/GNPs) and a pristine PDMS layer, and can bend to the PDMS/GNPs side when actuated by nIR irradiation. The locomotion of the artificial fish in water can be remotely and precisely controlled by localized nIR irradiation, that is, swimming forward, backward, and turning around.