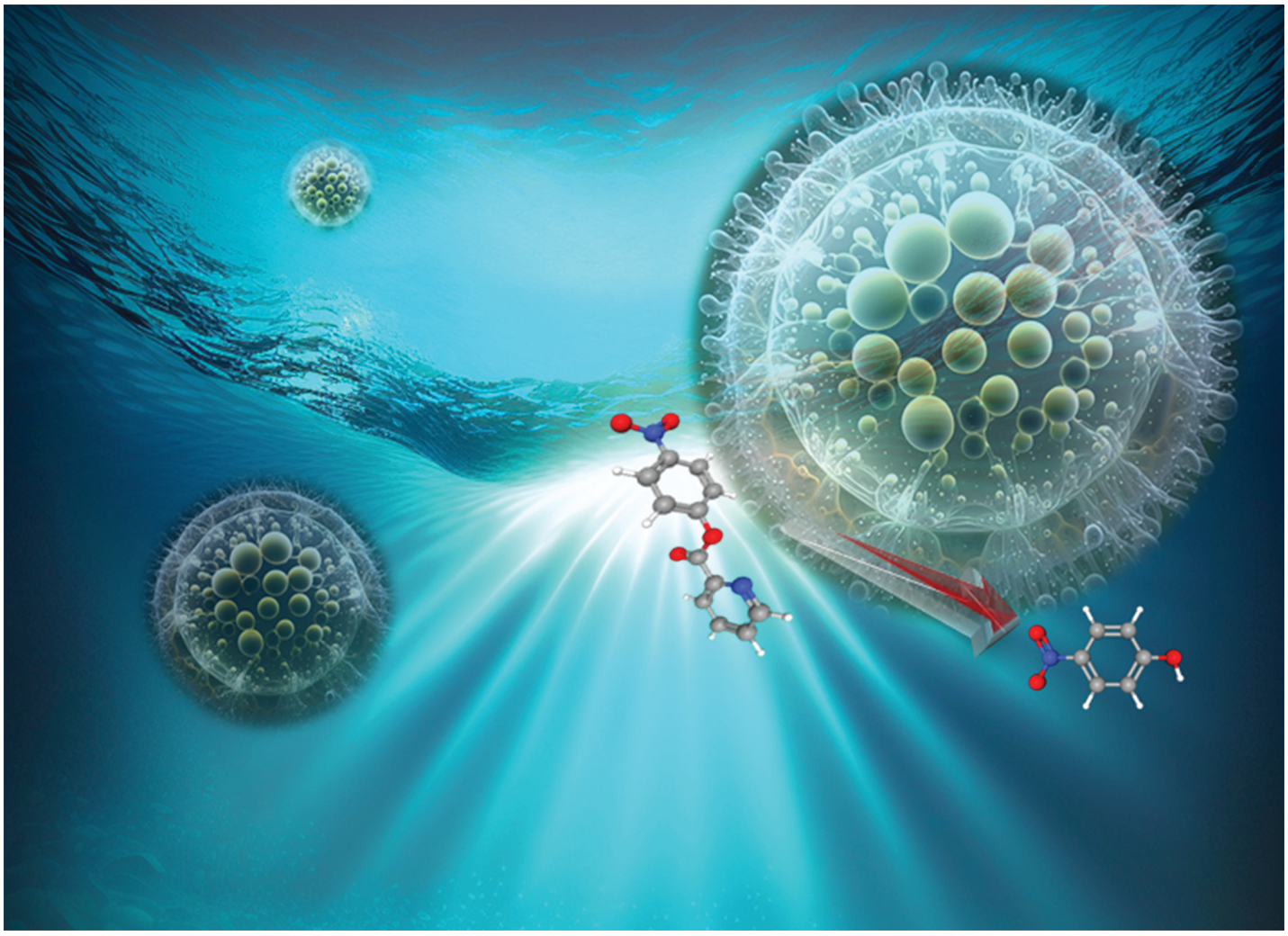
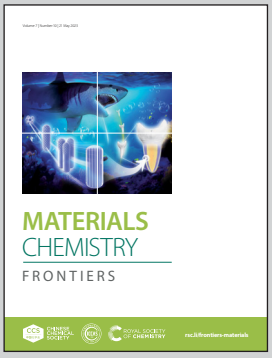


Showcasing research from Professor Jie He's laboratory, Department of Chemistry, and Polymer Program, Institute of Materials Science, University of Connecticut, Storrs, United States.

Hydrophobic pockets built in polymer micelles enhance the reactivity of Cu^{2+} ions

Local hydrophobicity has a significant impact on the catalytic efficiency of Cu^{2+} sites towards ester hydrolase. There is a 16–20 times kinetic enhancement endowed by the hydrophobic microenvironment of the Cu^{2+} sites, compared to those not residing in hydrophobic pockets.

As featured in:



See Jie He *et al.*, *Mater. Chem. Front.*, 2023, **7**, 2038.

CCS 中国化学会 CHINESE CHEMICAL SOCIETY
ICCAS
ROYAL SOCIETY OF CHEMISTRY
rsc.li/frontiers-materials