

Industrial Chemistry & Materials

GOLD
OPEN
ACCESS

Focus on industrial chemistry
Advance material innovations
Highlight interdisciplinary feature

Innovative.
Interdisciplinary.
Problem solving

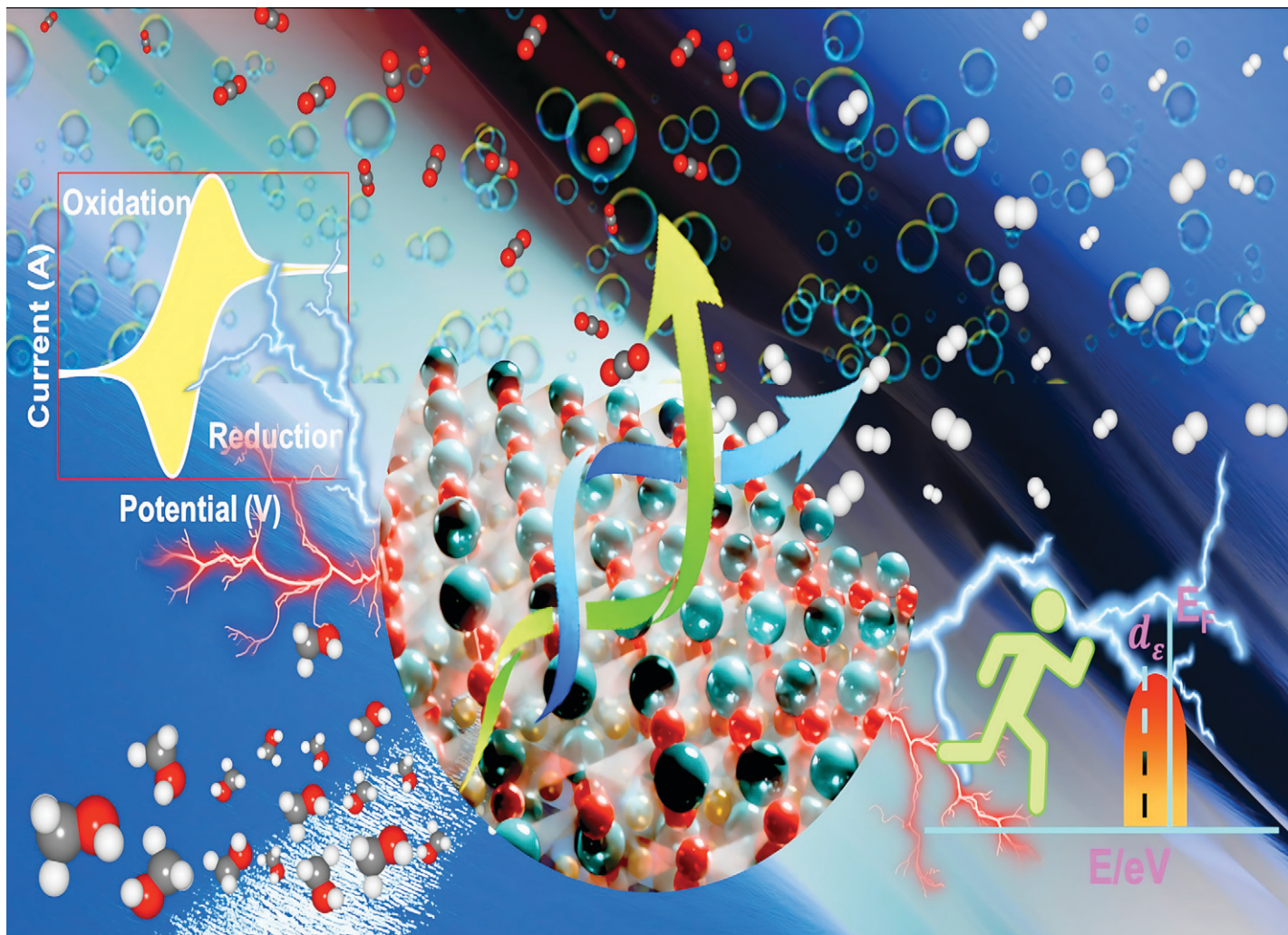
APCs currently waived

Learn more about ICM
Submit your high-quality article

 [@IndChemMater](#)

 [@IndChemMater](#)

rsc.li/icm



Showcasing research from Professor Ravinder Pawar's laboratory (Laboratory of Advanced Computation and Theory for Materials and Chemistry (LACTMC)), Department of Chemistry, National Institute of Technology Warangal, Telangana, India.

Praseodymium-based mixed metal oxides as stable and CO-resistant electrocatalysts for methanol oxidation in acidic media

This study presents three Pr-based mixed metal oxides; Pr-based nickel oxide (PNO), Pr-based copper oxide (PCO), and Pr-based zinc oxide (PZO), as efficient electrocatalysts for methanol oxidation. Among them, PCO demonstrates the highest activity, with a low onset potential, rapid electron-transfer kinetics, and strong resistance to CO poisoning.

Image reproduced by permission of Pooja and Ravinder Pawar from *React. Chem. Eng.*, 2026, **11**, 49.

As featured in:



See Pooja and Ravinder Pawar, *React. Chem. Eng.*, 2026, **11**, 49.