

# EES Catalysis

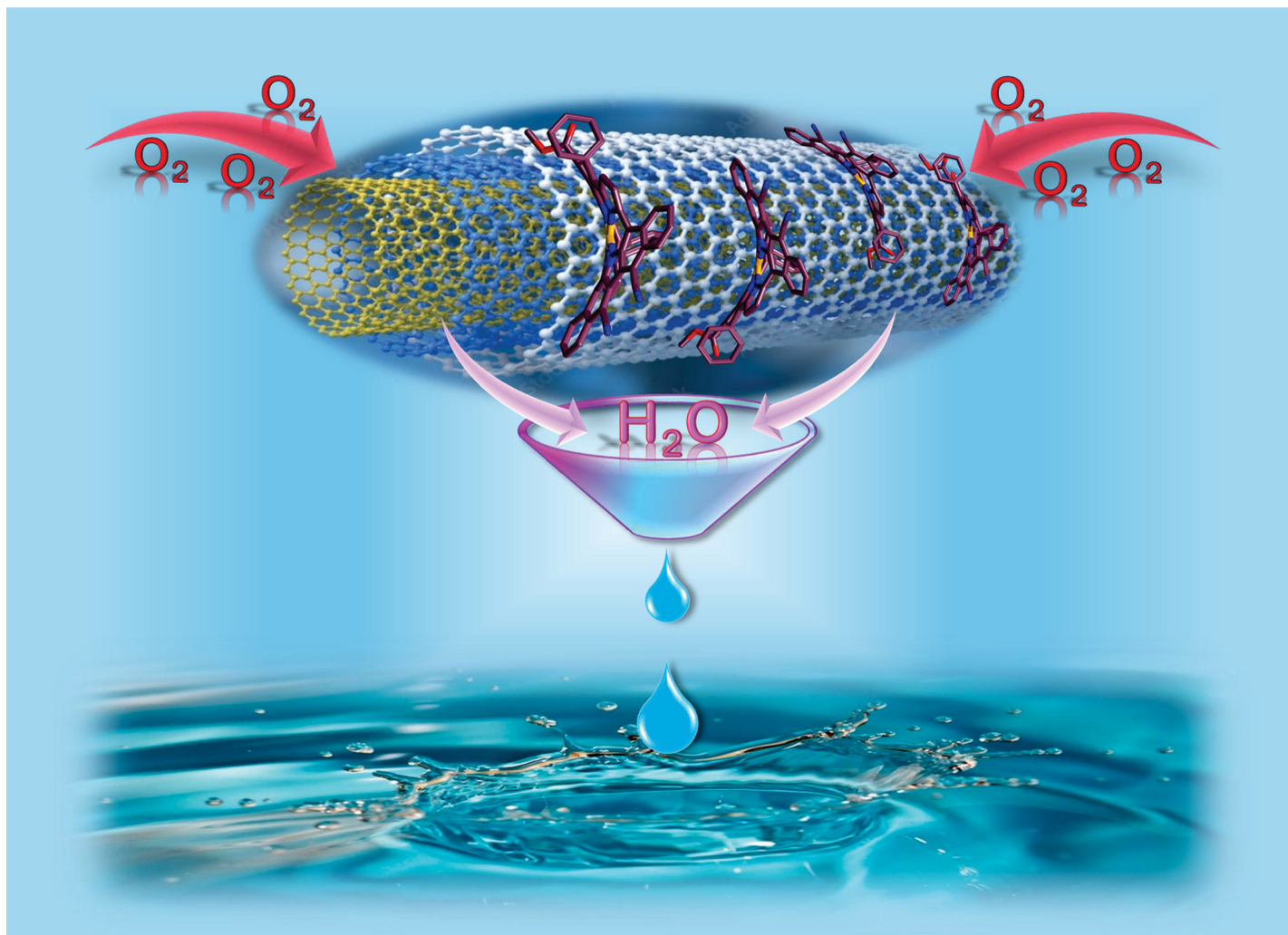
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Showcasing research from the laboratory of Professor Muniappan Sankar, Department of Chemistry, Indian Institute of Technology Roorkee, India.

$\pi$ -Extended nonplanar cobalt porphyrins immobilized on MWCNTs as efficient electrocatalysts for selective oxygen reduction reaction

Two new  $\pi$ -extended fused nonplanar Co(II) porphyrins have been synthesized and characterized. These *curved* porphyrins embedded MWCNTs manifested efficient electrocatalysts for selective  $4e^-/4H^+$  oxygen reduction under ambient conditions with excellent methanol tolerance and high stability due to effective  $\pi$ - $\pi$  interactions.

As featured in:



See Muniappan Sankar *et al.*,  
*Chem. Commun.*, 2024, **60**, 3146.