

RSC Sustainability

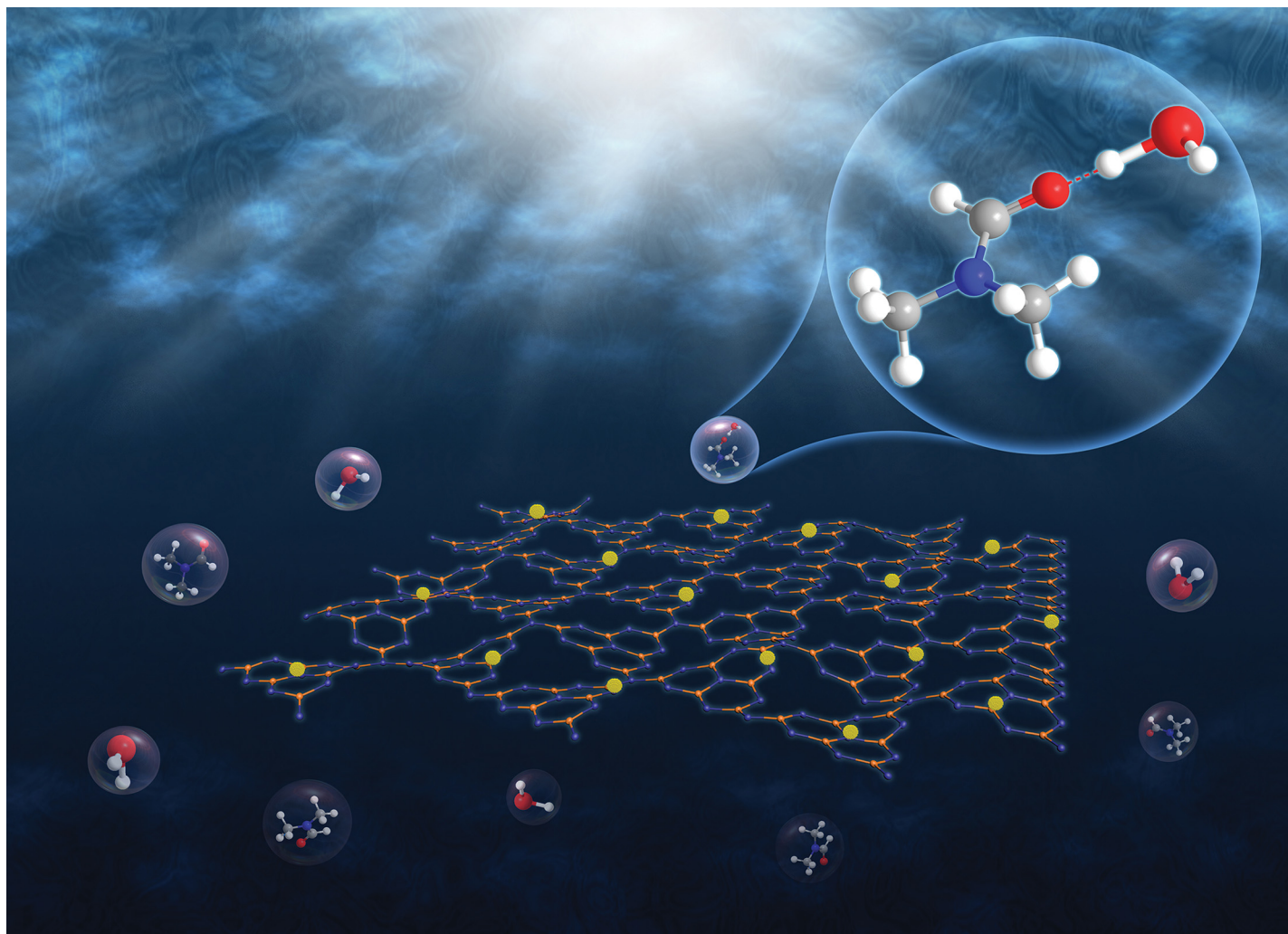
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Fundamental questions
Elemental answers



Showcasing research from Professor Xue-Lu Wang's laboratory, School of Physics and Electronic Science, East China Normal University, Shanghai, P. R. China.

Carbon nitride nanosheet-supported CuO for efficient photocatalytic CO₂ reduction with 100% CO selectivity

The optimal reaction solution ratio enables the CuO/g-C₃N₄ composite to efficiently photocatalyze the reduction of CO₂ to CO. A pH-dependent CEST imaging NMR method was used to verify the high adsorption capacity of the material for CO₂.

As featured in:



See Xue-Lu Wang *et al.*,
Chem. Commun., 2024, **60**, 4652.