

Environmental Science: Atmospheres

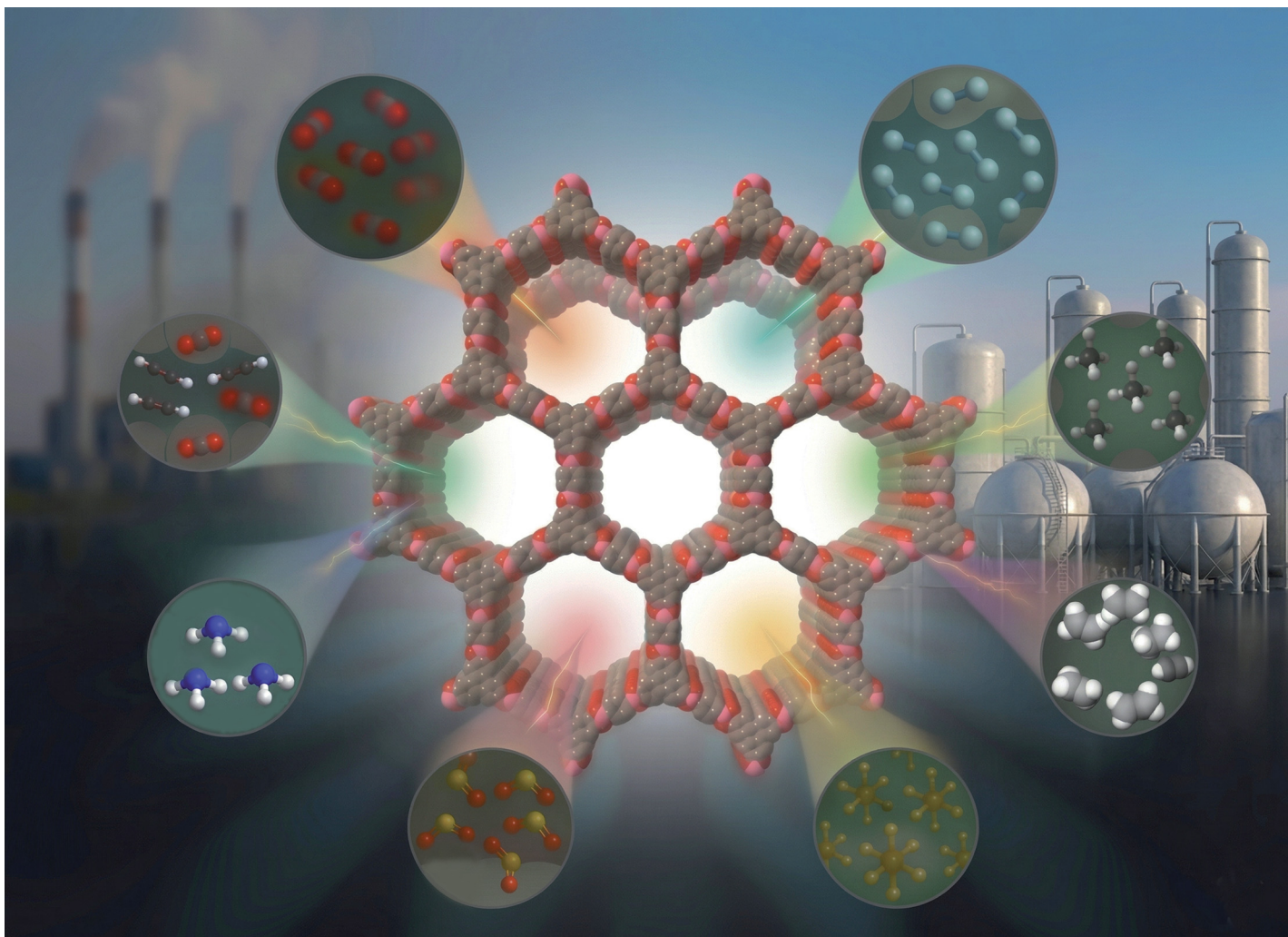
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Fundamental questions
Elemental answers





Showcasing research from Professors Banglin Chen and Yuanbin Zhang's laboratory, School of Chemistry and Materials Science, Zhejiang Normal University, Jinhua, Zhejiang, China, and Prof. Dan Zhao from National University of Singapore (Singapore).

Covalent organic frameworks for gas storage and separation

Covalent organic frameworks (COFs) have emerged as novel functional materials for gas adsorption and separation, covering H₂ and CH₄ storage, hydrocarbon separation, CO₂, SO₂ and SF₆ capture, as well as other gas separations.

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As featured in:



See Yuanbin Zhang, Dan Zhao, Banglin Chen *et al.*, *Chem. Soc. Rev.*, 2026, **55**, 4522.