

# Environmental Science: Atmospheres

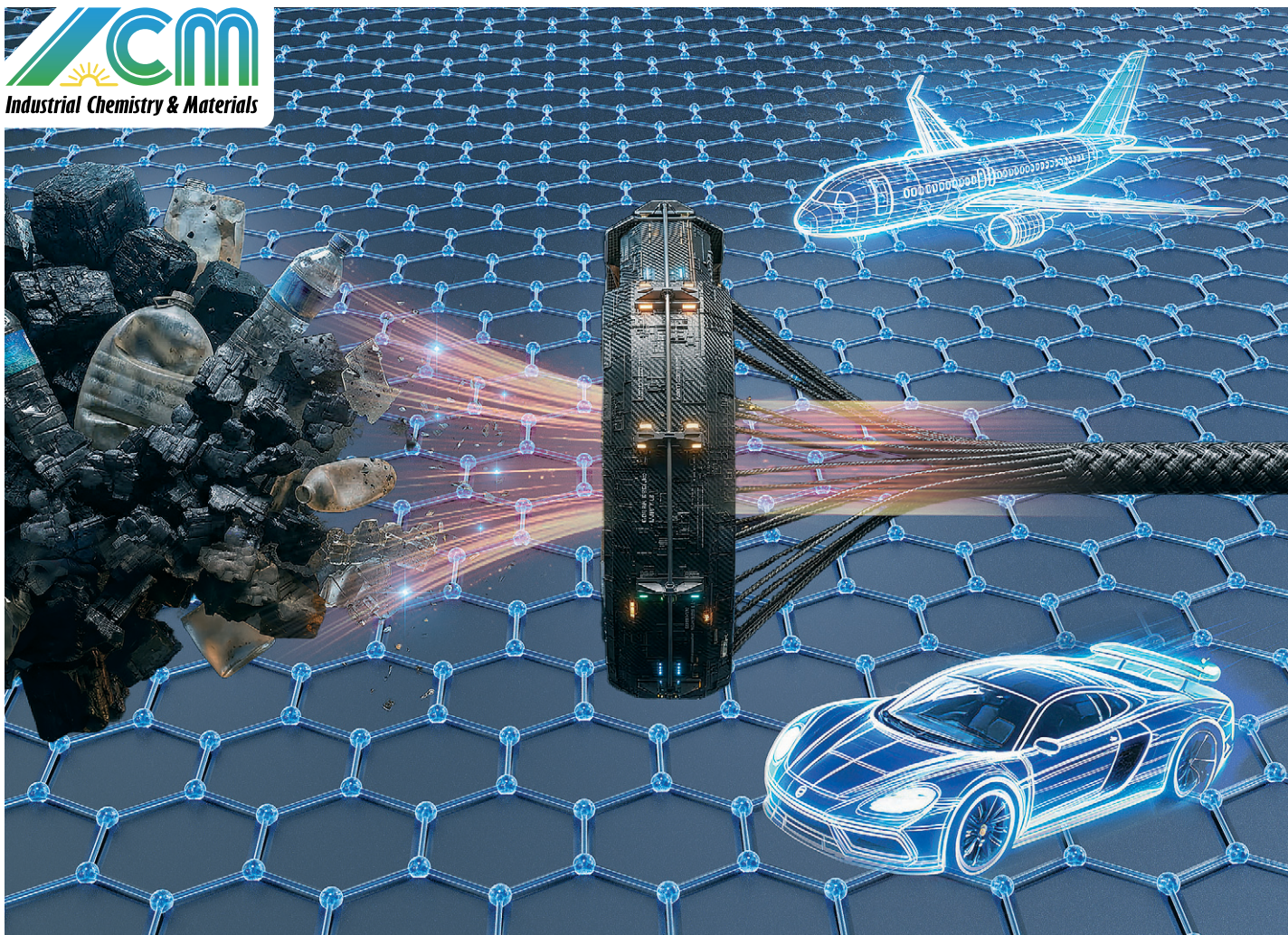
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Fundamental questions  
Elemental answers





Showcasing research from Maohong Fan's lab at the University of Wyoming and Eric Eddings's lab at the University of Utah.

High-performance carbon fibers fabricated from coal and waste plastics

Plastics are used to produce a solvent which liquefies coal. The liquefied coal is then upgraded and fabricated into high-performance carbon fibers, demonstrating a novel and sustainable valorization pathway for waste plastics and coals.

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### As featured in:



See Eric G. Eddings,  
Maohong Fan *et al.*,  
*Ind. Chem. Mater.*, 2026, **4**, 184.