

# Environmental Science: Atmospheres

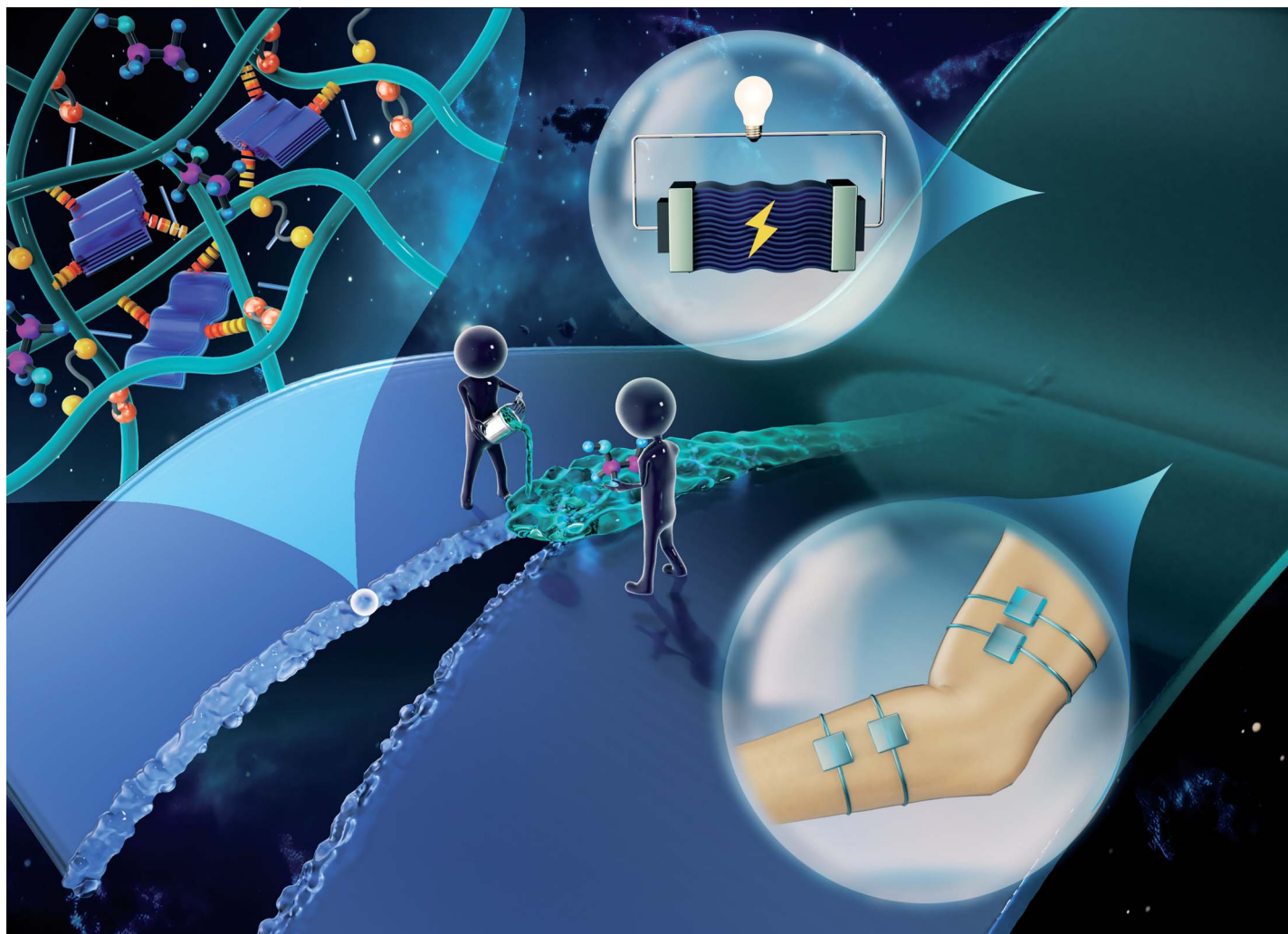
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Fundamental questions  
Elemental answers



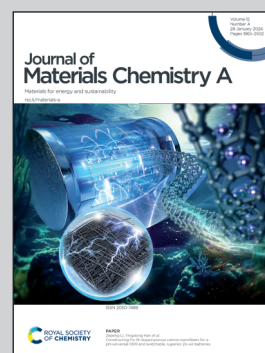


Showcasing research from Professor Wang's laboratory, Hefei Institutes of Physical Science, Chinese Academy of Sciences, Anhui, China.

Ethanol-assisted room-temperature rapid self-healing polydimethylsiloxane-polyurea/carbon composite elastomers for energy harvesters and smart sensors

CCF/PDMS elastomers with multiple hydrogen bonding networks and unique composite structures exhibit excellent tensile properties, ethanol-assisted rapid self-healing capability and triboelectric properties, promising for energy harvesters and smart sensors, etc.

### As featured in:



See Hua Wang, Xingyou Tian *et al.*, *J. Mater. Chem. A*, 2024, 12, 2024.