

# RSC Applied Interfaces

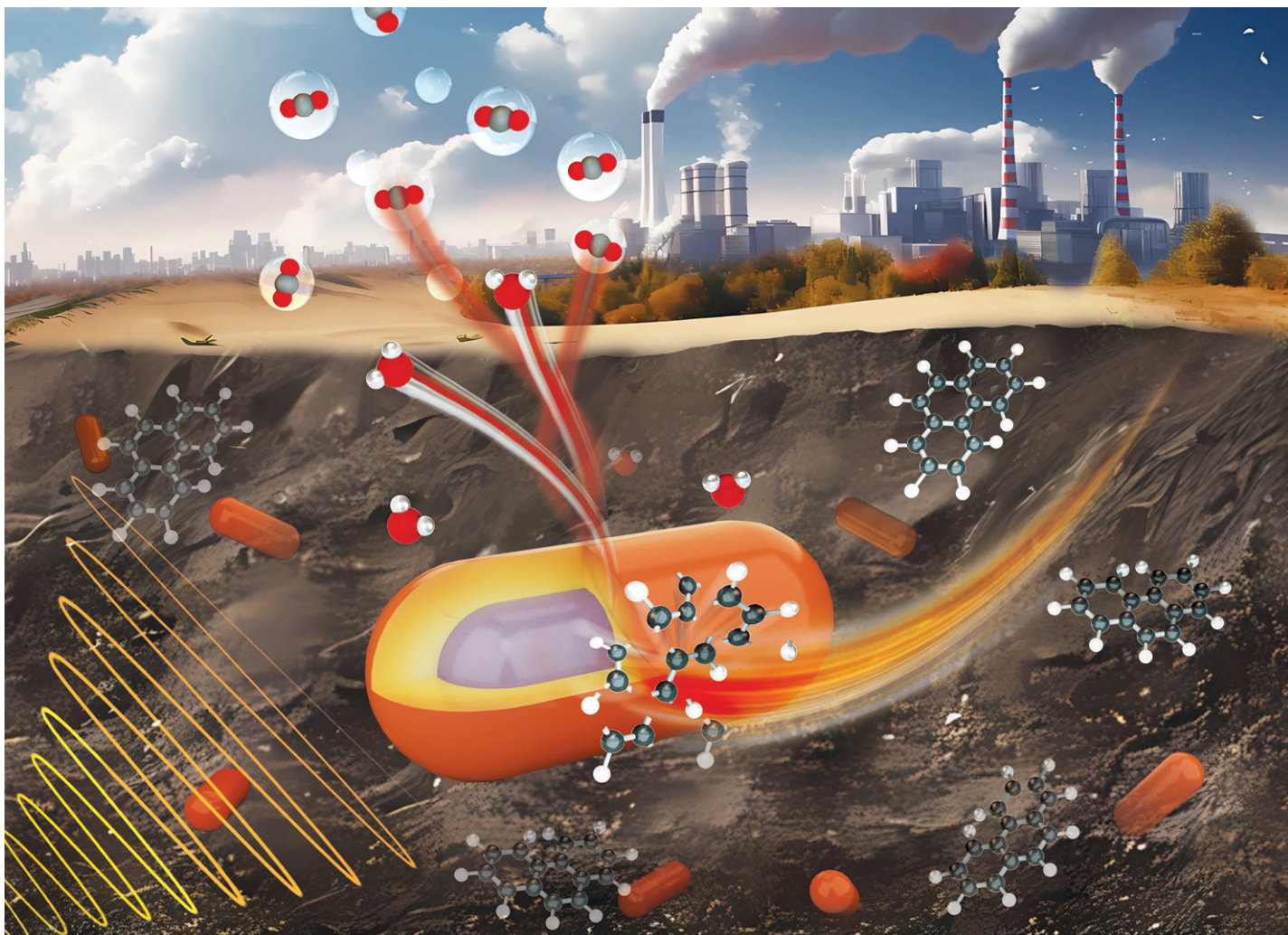
GOLD  
OPEN  
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Interfacial and surface research  
with an applied focus

Interdisciplinary and open access

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Fundamental questions  
Elemental answers

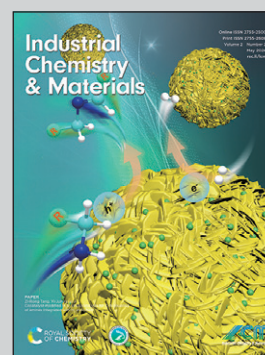


Showcasing research from Jianmei Lu's laboratory, College of Chemistry, Chemical Engineering and Materials Science, Collaborative Innovation Center of Suzhou Nano Science and Technology, Soochow University, Suzhou, China.

Flexoelectricity in hydroxyapatite for the enhanced piezocatalytic degradation of phenanthrene in soil

Hydroxyapatite@fluorapatite prepared by ion exchange shows enhanced piezoelectric properties *via* flexoelectricity arising from the chemical heterogeneities in the crystal lattice.

As featured in:



See Najun Li, Jianmei Lu *et al.*,  
*Ind. Chem. Mater.*, 2024, 2, 300.