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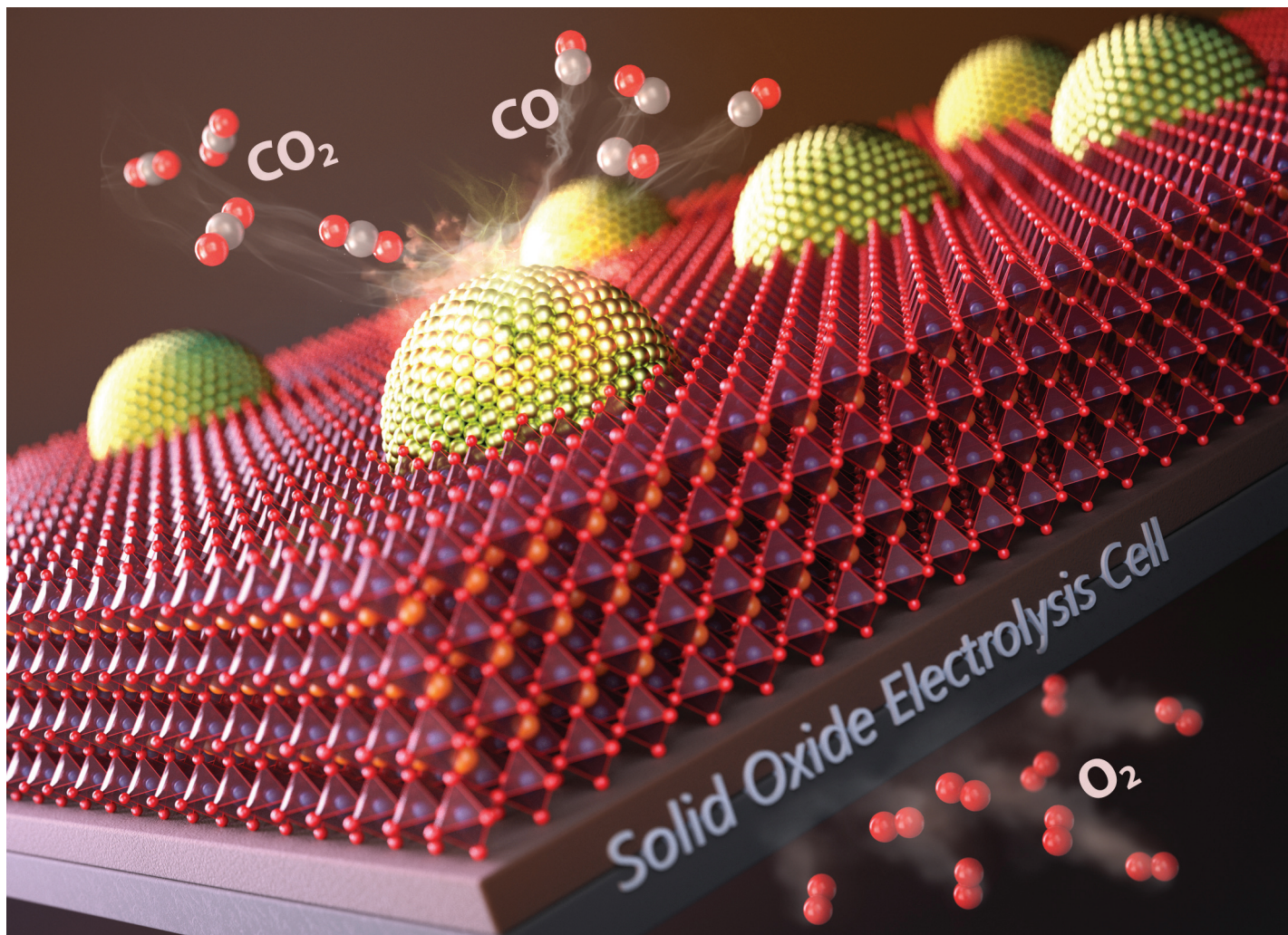


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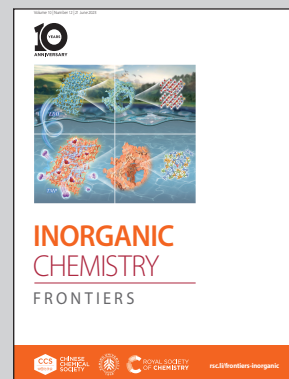


Showcasing research from Dr Tae Ho Shin's laboratory, Hydrogen Energy Material Centre, Korea Institute of Ceramic Engineering and Technology, Republic of Korea.

Enhancing CO₂ electrolysis performance with various metal additives (Co, Fe, Ni, and Ru) – decorating the La(Sr)Fe(Mn)O₃ cathode in solid oxide electrolysis cells

A promising metal-infiltrated ceramic electrode for high-temperature CO₂ electrolysis cells with a LaGaO₃-based solid oxide electrolyte is reported, suggesting accelerated chemical adsorption of CO₂ *via* metal additives on the ceramic electrode and presenting an insight into the surface activity of metal catalysts in CO₂ electrolysis.

As featured in:



See Kyu Hyung Lee, Jong Hyeok Park, Tae Ho Shin *et al.*, *Inorg. Chem. Front.*, 2023, **10**, 3536.

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