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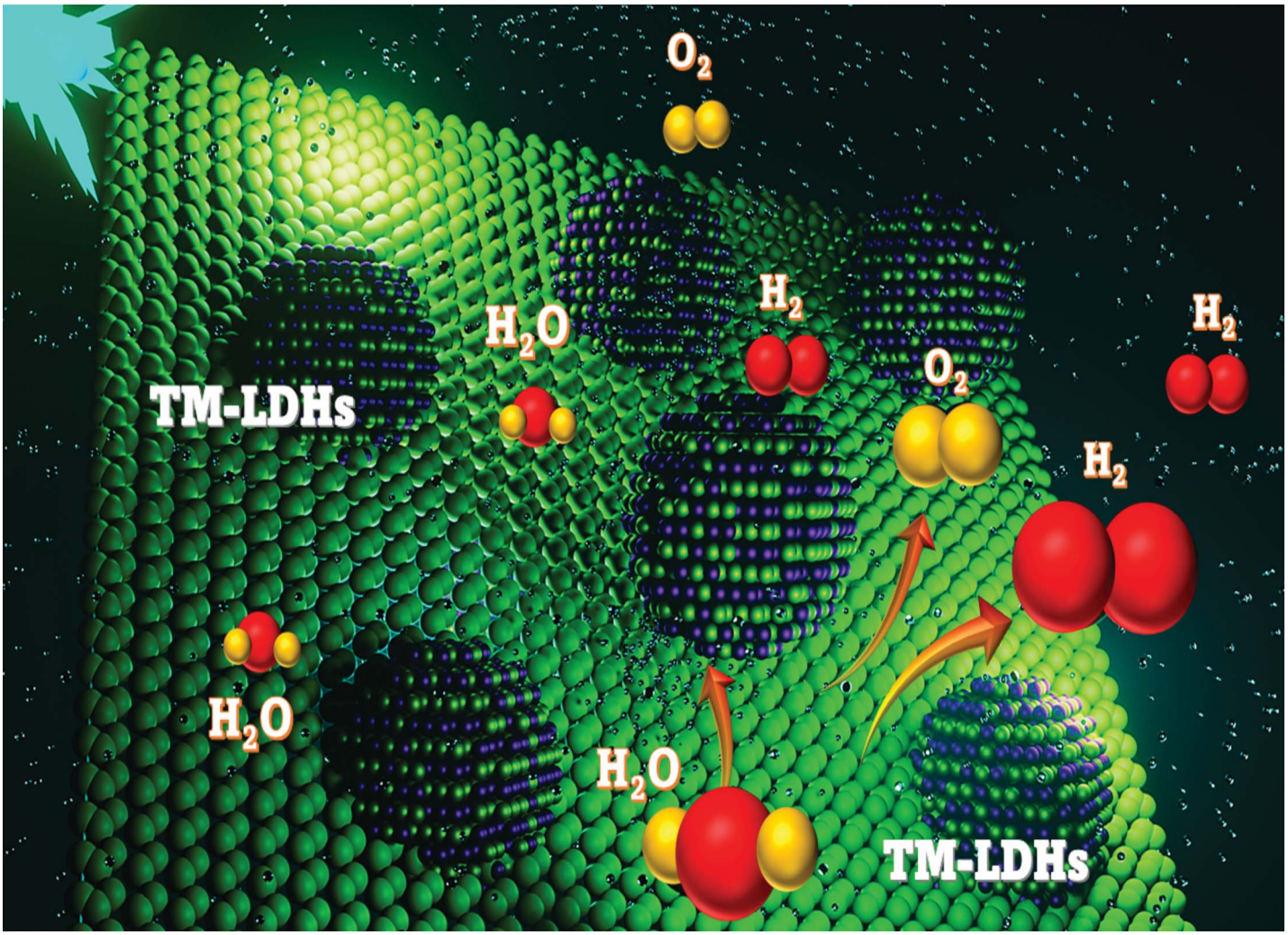

Showcasing research from Dr. Subrata Kundu's laboratory, CSIR-Central Electrochemical Research Institute (CECRI), Karaikudi, Tamilnadu, India.

A review on consequences of flexible layered double hydroxide-based electrodes: fabrication and water splitting application

This work highlights the pioneering strategies for the fabrication of layered double hydroxide-based nanostructures and their role in water electrolysis applications. Various modifications, such as exfoliation and vacancy creations with tuning of their structure, have been discussed to enhance the overall cell performance of the water electrolyzer. Furthermore, this report also stressed the basis of water electrolysis, mechanisms of OER and HER and their evolution parameters towards water splitting reactions.

As featured in:

See Subrata Kundu, Rajkumar Patel *et al.*, *Sustainable Energy Fuels,* 2023, **7**, 3741.

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