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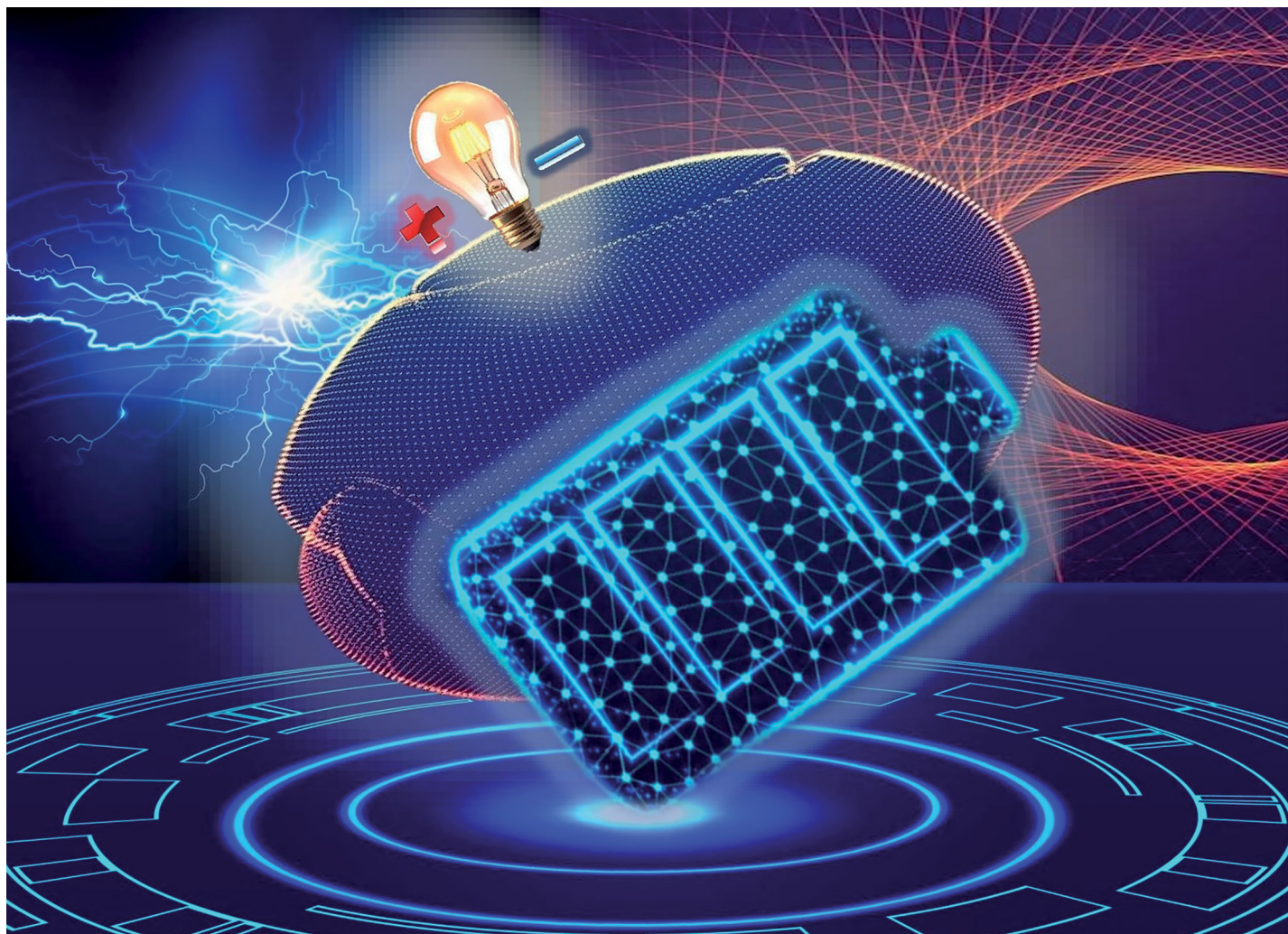
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Fundamental questions
Elemental answers



Showcasing research from Professor Chandra Sekhar Rout's laboratory, Centre for Nano and Material Sciences, Jain University, Bangalore, India

MXene-carbon based hybrid materials for supercapacitor applications

In this article authors highlight the latest progress, limitations, challenges and future perspectives of MXene-carbon based hybrid materials for supercapacitors applications. Further, synthesis methods, competitive features and applications of MXene-carbon hybrid nanocomposites for energy storage applications are discussed. This article aims to explore the practical implementation of the discussed electrode materials in the realm of supercapacitor research, offering valuable insights for future investigation into these highly promising materials.

As featured in:



See Sang Mun Jeong,
Chandra Sekhar Rout *et al.*,
Energy Adv., 2024, **3**, 341.