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See Francisco J. Martin-Martinez *et al.*, pp. 1271–1282. Image reproduced by permission of Francisco J. Martin-Martinez from *Energy Adv.*, 2024, 3, 1271.



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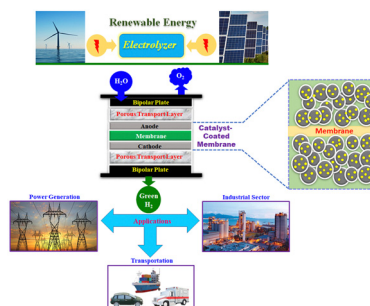
See Hsin-Yi Tiffany Chen, Tsan-Yao Chen *et al.*, pp. 1283–1292. Image reproduced by permission of Hsin-Yi Tiffany Chen from *Energy Adv.*, 2024, 3, 1283.

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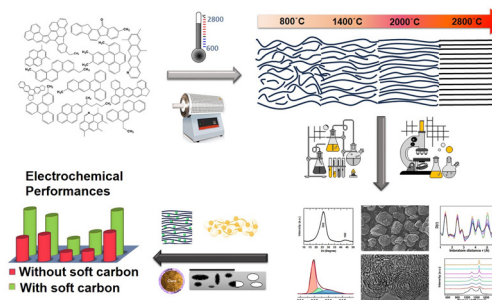
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Shuvajit Ghosh, Mohammad Zaid, Jyotirekha Dutta, Monira Parvin and Surendra K. Martha*



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Elemental answers

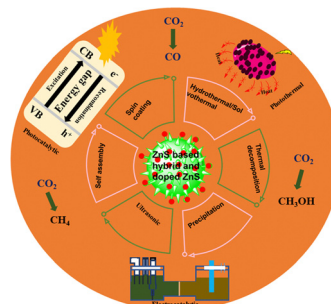


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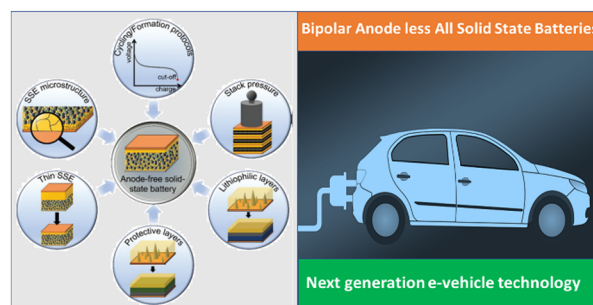
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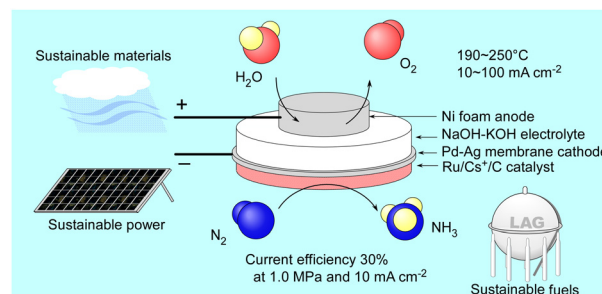


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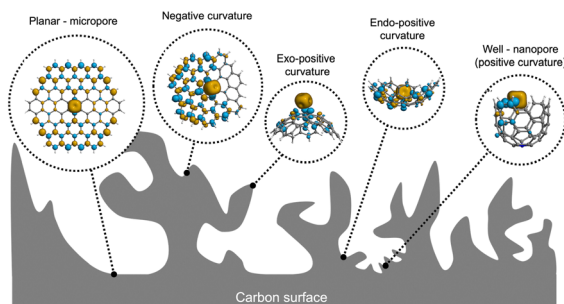
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Electrochemical-catalytic NH₃ synthesis from H₂O and N₂ using an electrochemical cell with a Ru catalyst, Pd–Ag membrane cathode, and NaOH–KOH molten salt electrolyte at 250 °C

Raisei Sagara, Rika Hayashi, Aika Hirata, Shintaro Nagaishi and Jun Kubota*



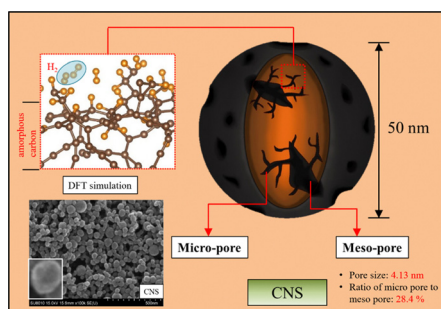
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Anna Bachs-Herrera, Isaac Vidal-Daza, Emre B. Boz, Antoni Forner-Cuenca and Francisco J. Martin-Martinez*

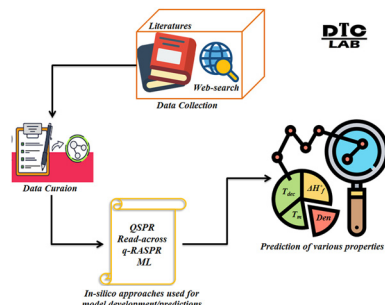
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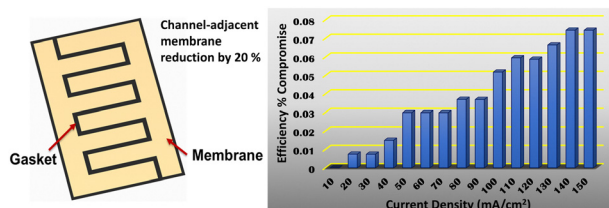
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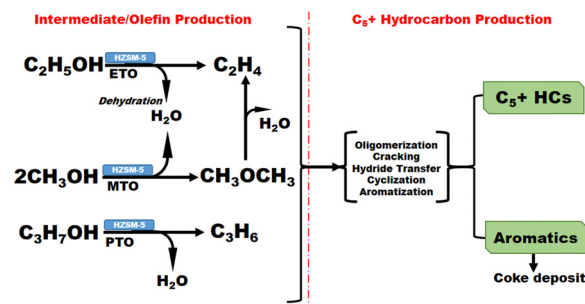


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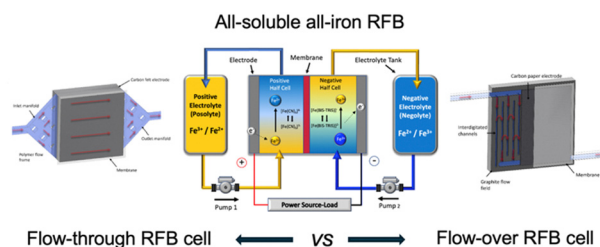
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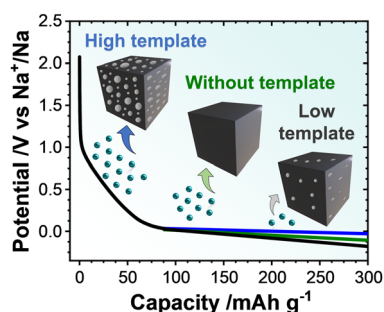
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The impact of templating and macropores in hard carbons on their properties as negative electrode materials in sodium-ion batteries

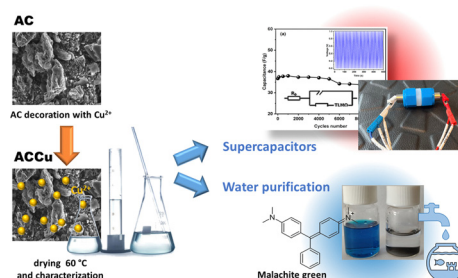
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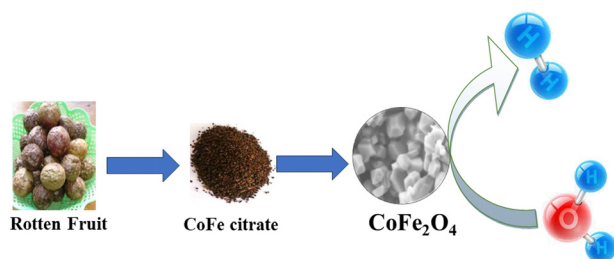
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Carbon framework modification; an interesting strategy to improve the energy storage and dye adsorption

Monika Michalska, Paulina Pietrzyk-Thel, Kamil Sobczak, Mathijs Janssen and Amrita Jain*



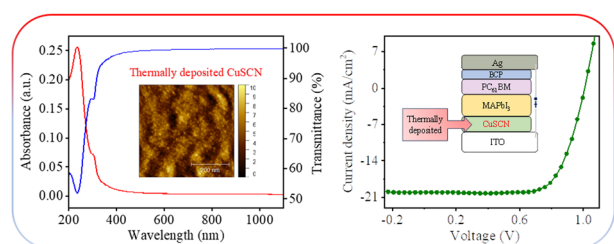
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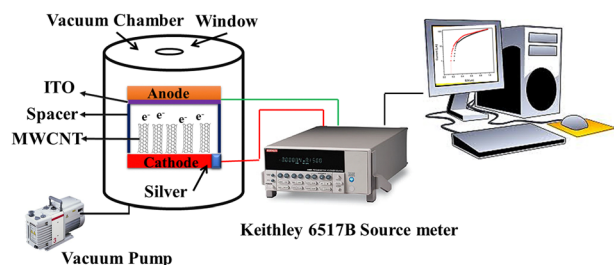
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Thermally deposited copper(I) thiocyanate thin film: an efficient and sustainable approach for the hole transport layer in perovskite solar cells

Rashi Kedia, Manisha Balkhandia, Manisha Khatak, Neeraj Chaudhary and Asit Patra*

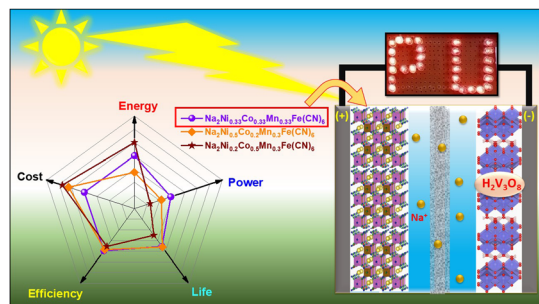
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Excellent field emission with enhanced photodetection behavior of multiwalled carbon nanotubes: experimental and theoretical study

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Prussian blue analogues with Na₂Ni_xCo_yMn_zFe(CN)₆-multimetallic structures as positive and hydrogen vanadate as negative electrodes in aqueous Na-ion batteries for solar energy storage applications

Pappu Naskar, Biplab Biswas, Sourav Laha* and Anjan Banerjee*

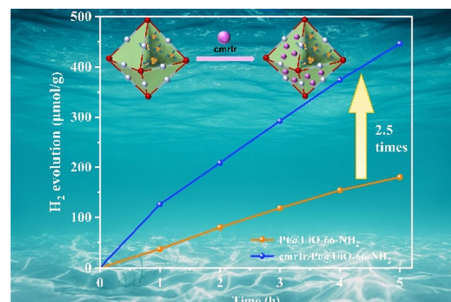


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Iridium complex modified MOFs for enhancing photocatalytic hydrogen evolution

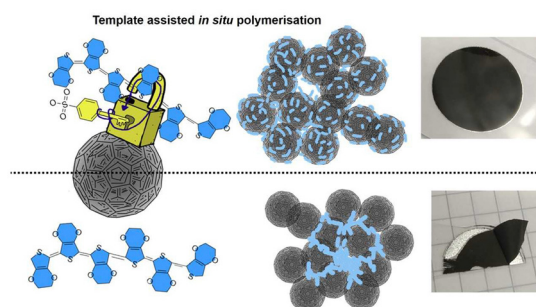
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In situ polymerization of EDOT onto sulfonated onion-like carbon for efficient pseudocapacitor electrodes

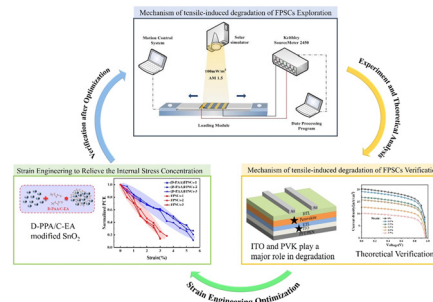
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Conall McNamara,* Ailís O'Shea, Prajwal Rao, Andrew Ure, Leandro Ayarde-Henriquez, Mohammad Reza Ghaani, Andrew Ross and Stephen Dooley

