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Energy Advances

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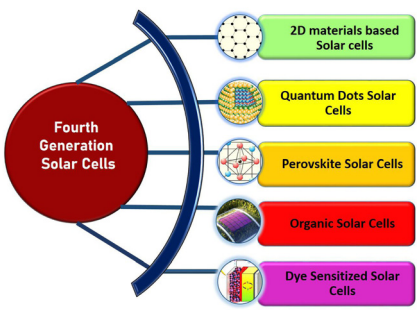

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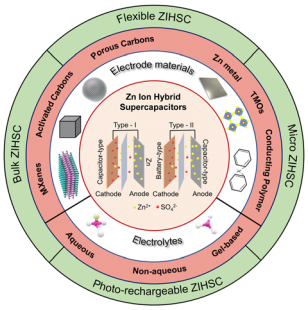
Recent technological advances in designing electrodes and electrolytes for efficient zinc ion hybrid supercapacitors

Himanshu Gupta, Manoj Kumar, Debasish Sarkar* and Prashanth W. Menezes*



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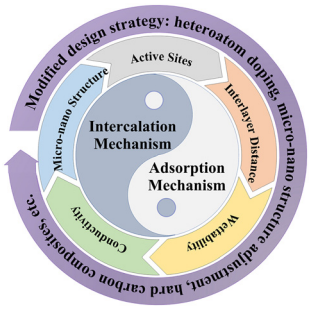

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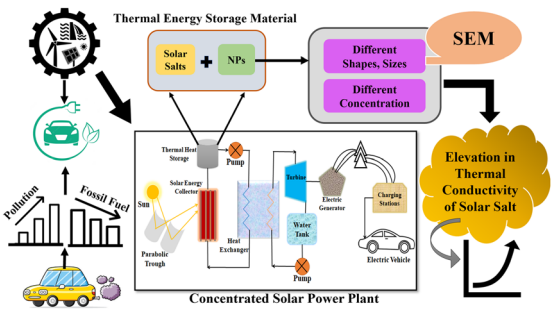

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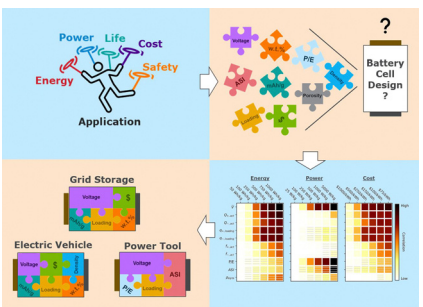

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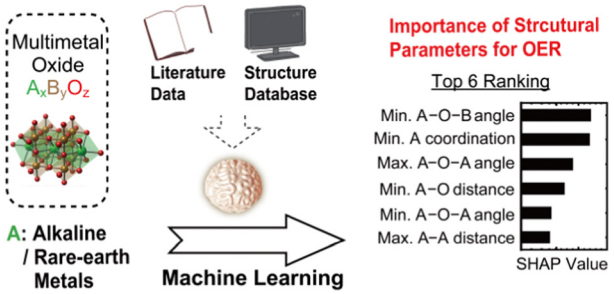

Machine learning-aided unraveling of the importance of structural features for the electrocatalytic oxygen evolution reaction on multimetal oxides based on their A-site metal configurations

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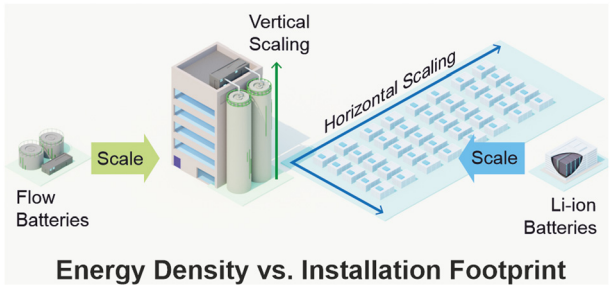

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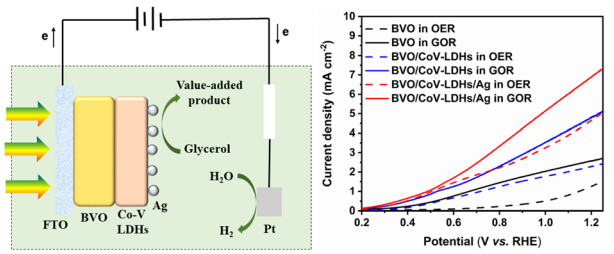

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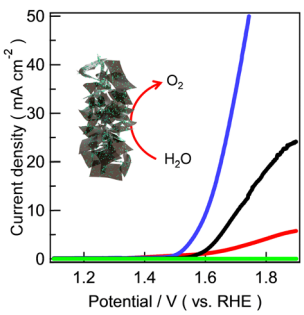

An efficient oxygen evolution reaction catalyst using Ni–Co layered double hydroxide anchored on reduced graphene oxide

Sora Wakamatsu, Md. Saidul Islam,* Yuta Shudo, Masahiro Fukuda, Ryuta Tagawa, Nonoka Goto, Michio Koinuma, Yoshihiro Sekine and Shinya Hayami*

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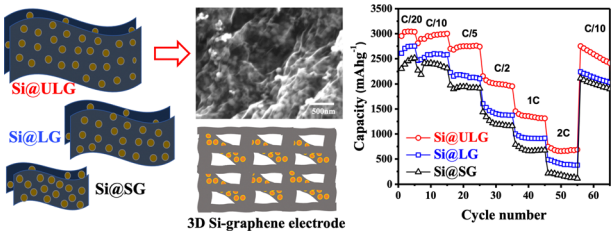

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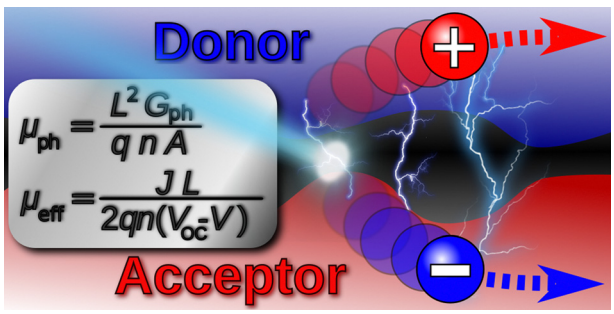

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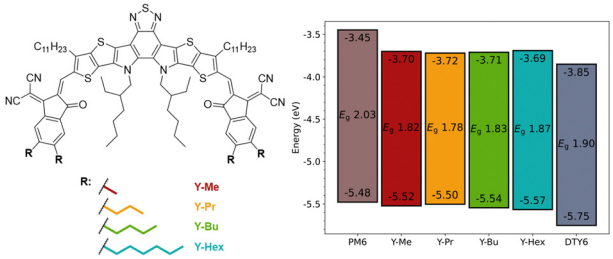

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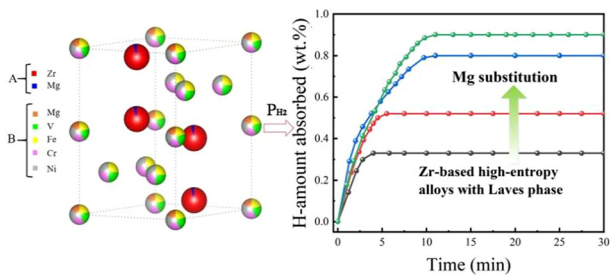

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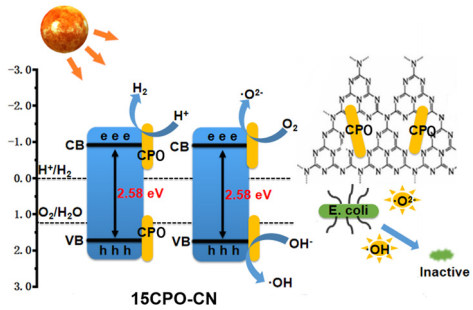

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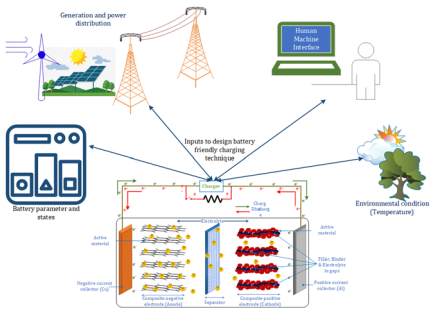

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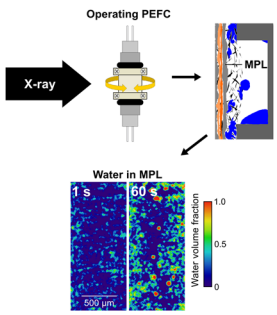

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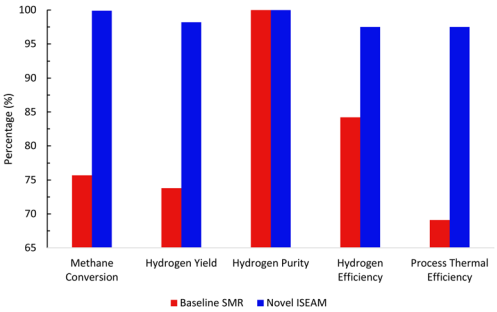
A novel technological blue hydrogen production process: industrial sorption enhanced autothermal membrane (ISEAM)

Chidozie Eluwah, Paul S. Fennell, Christopher J. Tighe and Ahmed Al Dawood



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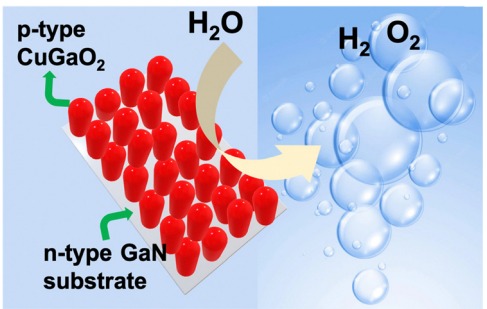

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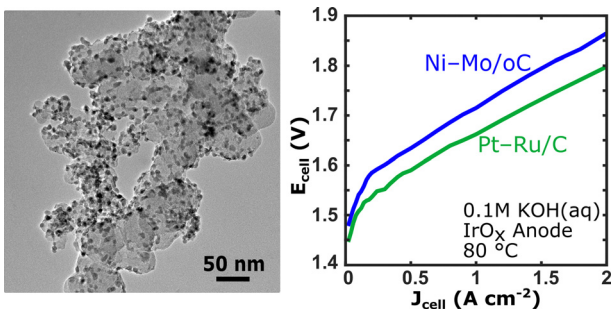

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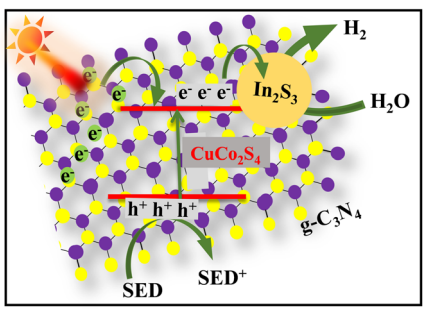
Amit Gautam, Saddam Sk, Aparna Jamma, B Moses Abraham, Mohsen Ahmadipour and Ujjwal Pal*



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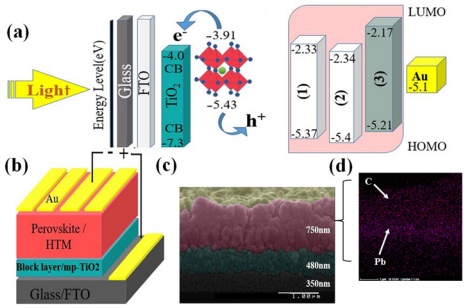

Dopant-free small-molecule hole-transport material for low-cost and stable perovskite solar cells

Sahar Majidi-Nezhad, Negin Sabahi, Hashem Shahroosvand,* Narges Yaghoobi Nia and Aldo Di Carlo*

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