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Cover
See Abdelrahman Mostafa, Matteo C. Romano *et al.*, pp. 624–638.
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REVIEW

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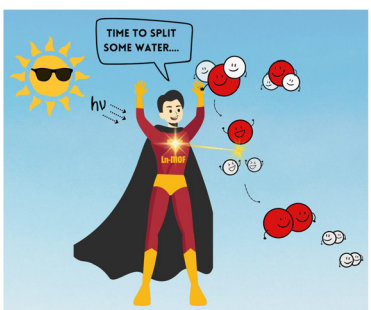
Recent advances in lanthanide-based metal–organic frameworks for photocatalytic hydrogen evolution applications

Peter Danita Patricia and Rajadurai Vijay Solomon*



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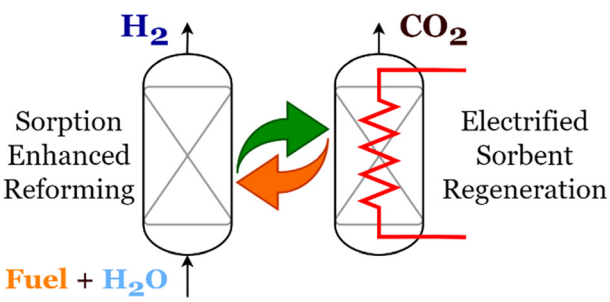
A novel electrified sorption enhanced reforming process for blue hydrogen production

Abdelrahman Mostafa,* Alessandra Beretta, Gianpiero Groppi, Enrico Tronconi and Matteo C. Romano*



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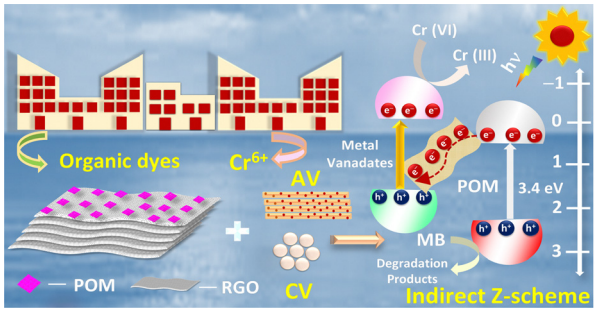
Polyoxometalate-loaded reduced graphene oxide-modified metal vanadate catalysts for photoredox reactions through an indirect Z-scheme mechanism

Soumita Samajdar, Gajiram Murmu, Maitrayee Biswas, Srikrishna Manna, Sumit Saha* and Srabanti Ghosh*



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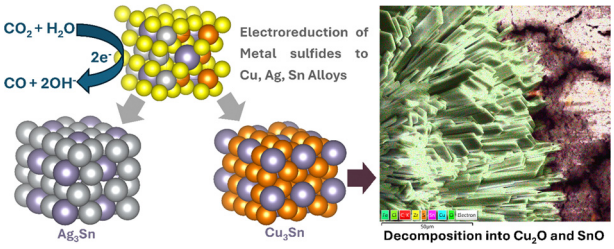
***In situ* generation of Cu- and Ag–Sn alloys from metal sulfides for CO_2 reduction**

Sebastian A. Sanden, Anne Schmidt, Miłosz Kożusznik, Yannik Haver, Yannick Weidemannn, Kevinjeorjios Pellumbi, Sven Rösler, Kai junge Puring, Andrzej Mikuła and Ulf-Peter Apfel*



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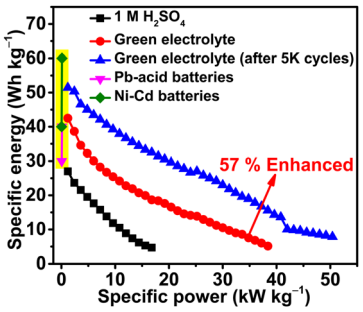
Durable, rate-capable and high-energy hybrid supercapacitor from PANI/ZnO/SnO_2 nanocomposite with zero-waste electrolyte approach

Aranganathan Viswanathan* and Vanchiappan Aravindan*



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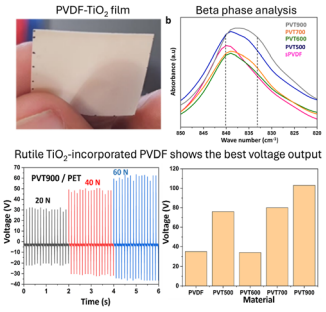

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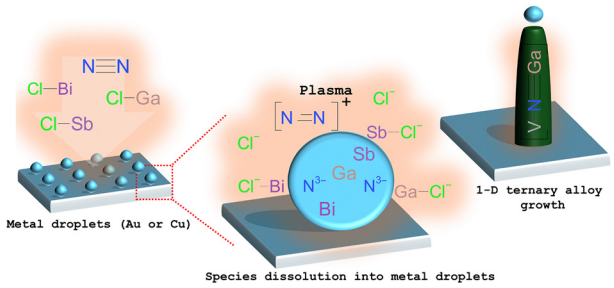

Dilute anion alloyed III-nitride nanowires for photoelectrochemical water splitting

S. J. Calero-Barney, A. C. Nouduri, A. N. Andriotis, M. Menon and M. K. Sunkara*

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