

Energy Advances

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Cover

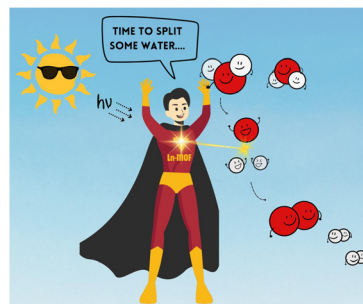
See Abdelrahman Mostafa,
Matteo C. Romano *et al.*,
pp. 624–638.
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Energy Adv., 2025, 4, 624.

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*

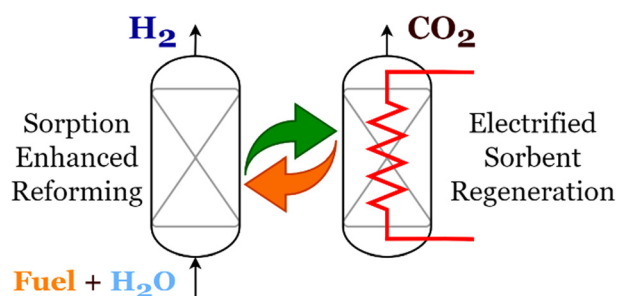


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A novel electrified sorption enhanced reforming process for blue hydrogen production

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



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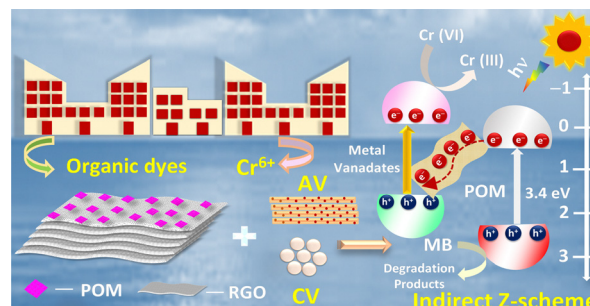
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Polyoxometalate-loaded reduced graphene oxide-modified metal vanadate catalysts for photoredox reactions through an indirect Z-scheme mechanism

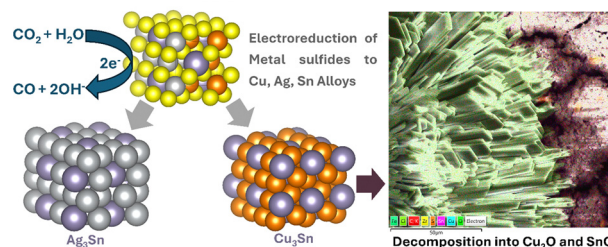
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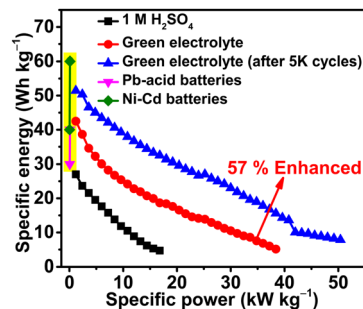
Sebastian A. Sanden, Anne Schmidt, Miłosz Kożusznik, Yannik Haver, Yannick Weidemann, Kevinjeorjios Pellumbi, Sven Rösler, Kai junge Puring, Andrzej Mikuła and Ulf-Peter Apfel*



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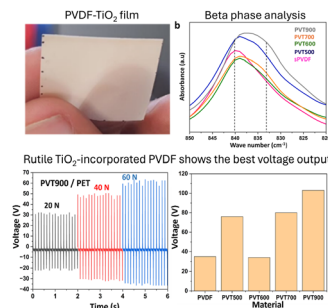
Aranganathan Viswanathan* and Vanchiappan Aravindan*

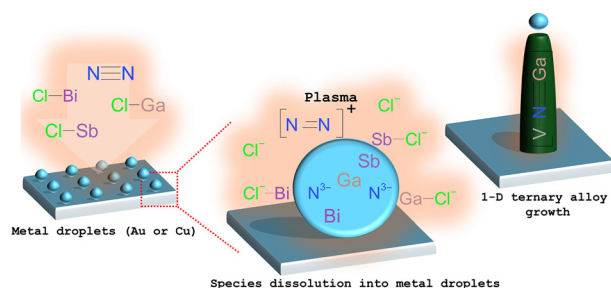


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Dilute anion alloyed III-nitride nanowires for photoelectrochemical water splitting

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

