

# Energy Advances

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### Cover

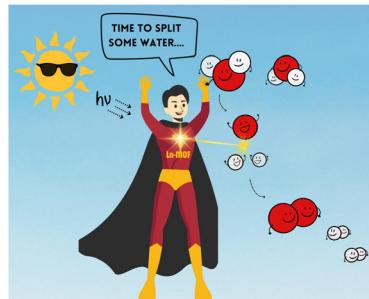
See Abdelrahman Mostafa, Matteo C. Romano *et al.*, pp. 624–638.  
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*Energy Adv.*, 2025, 4, 624.

## 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\*

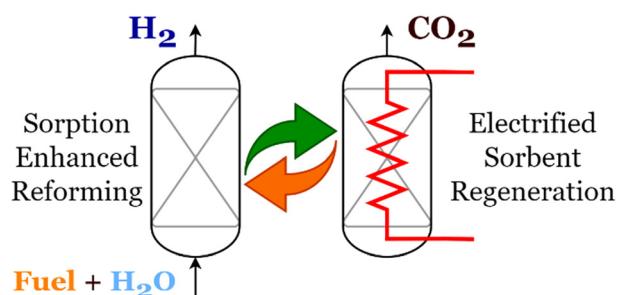


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### A novel electrified sorption enhanced reforming process for blue hydrogen production

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



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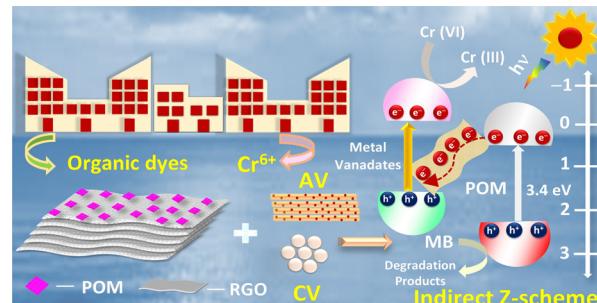


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Soumita Samajdar, Gajiram Murmu, Maitrayee Biswas, Srikrishna Manna, Sumit Saha\* and Srabanti Ghosh\*



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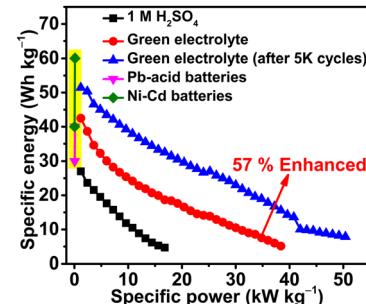
Sebastian A. Sanden, Anne Schmidt, Miłosz Kożusznik, Yannick Haver, Yannick Weidemann, Kevinjeorjos Pellumbi, Sven Rösler, Kai junge Puring, Andrzej Mikuła and Ulf-Peter Apfel\*



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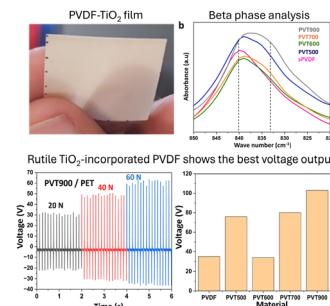
Aranganathan Viswanathan\* and Vanchiappan Aravindan\*



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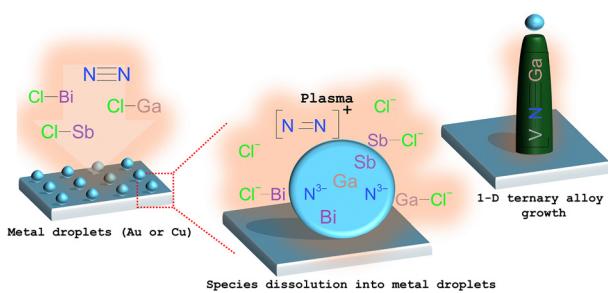
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## Dilute anion alloyed III-nitride nanowires for photoelectrochemical water splitting

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

