

Sustainable Energy & Fuels

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See Mrigendra Dubey *et al.*, pp. 3015–3019. Image reproduced by permission of Mrigendra Dubey from *Sustainable Energy Fuels*, 2024, 8, 3015.

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Future perspectives in green hydrogen production by catalyzed sono-photolysis of water

Piergiorgio Domenighini,* Ferdinando Costantino, Pier Luigi Gentili, Anna Donnadio, Morena Nocchetti, Alceo Macchioni, Federico Rossi and Franco Cotana

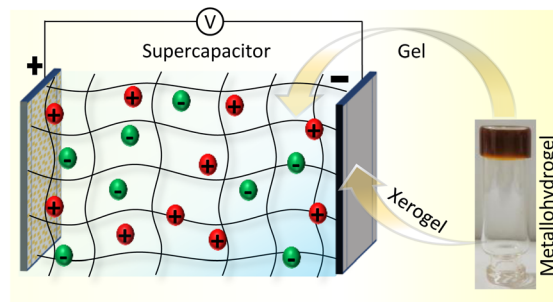


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Yeeshu Kumar, Moupia Mukherjee, Manish Kumar Dixit, Abul Kalam and Mrigendra Dubey*



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Fundamental questions
Elemental answers

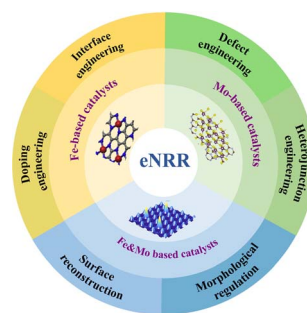


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Xiaoyu Li, Yutong Yang, Qin Ding and Yin Wang*

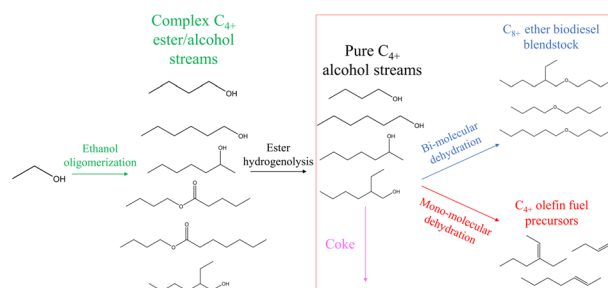


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Production of drop-in biodiesel blendstocks via competitive acid-catalyzed dehydration reactions using ethanol oligomerization products

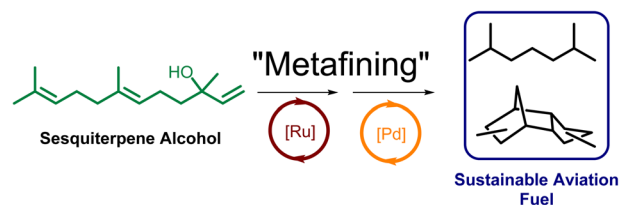
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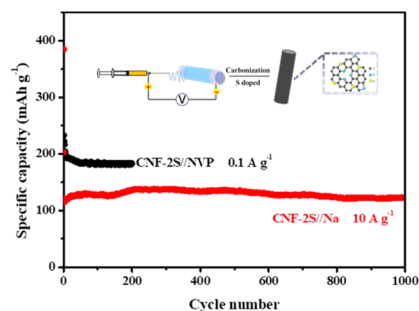
C. Luke Keller, Christopher J. Walkling, Derek D. Zhang and Benjamin G. Harvey*



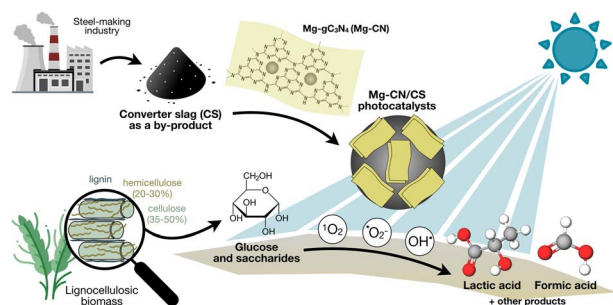
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Sulfur-doped carbon nanofibers as stable and high performance anode materials for sodium-ion batteries

Mengwei Lu, Ying Huang,* Xianping Du and Xitong Sheng



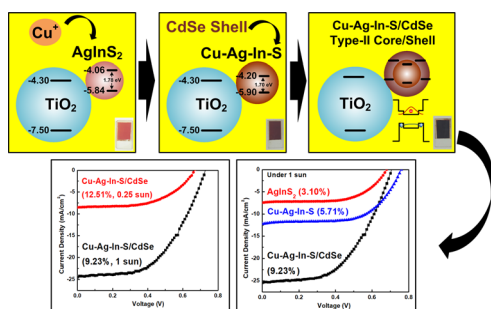
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Mg-modified graphitic carbon nitride/converter slag composites as an efficient photocatalyst for sugar conversion

Assadawoot Srikhaow, Chitiphon Chuaicham, Jirawat Trakulmututa, Kaiqian Shu and Keiko Sasaki*

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Siti Utari Rahayu, Andy Candra, Jen-Bin Shi and Ming-Way Lee*

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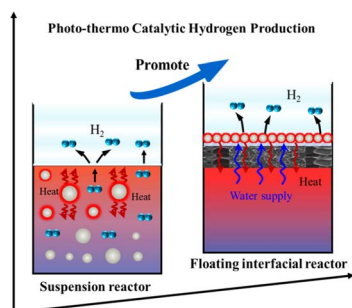
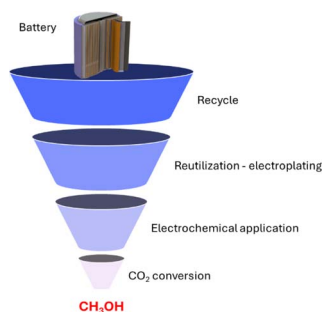


Photo-thermo-catalytic hydrogen production by an interfacial reactor with potassium-doped polymeric carbon nitride/titanium nitride

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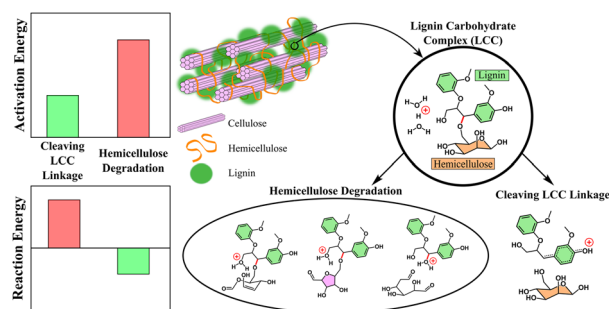
Jean C. da Cruz, Ricardo M. e Silva, Gelson T. S. T. da Silva, Lucia H. Mascaro and Caue Ribeiro*



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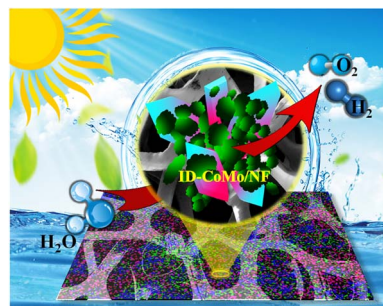
Seth Beck and Samir H. Mushrif*



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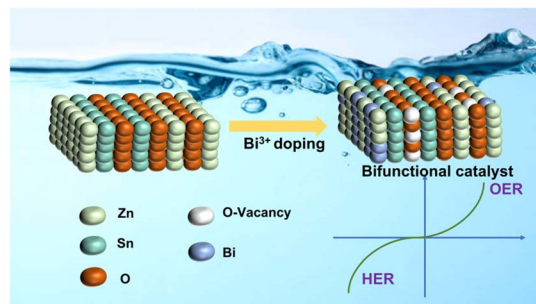
Muthukumar Sangamithirai, Murugan Vijayarangan, Arunagiri Gayathri, Murugan Muthamildevi and Jayaraman Jayabharathi*



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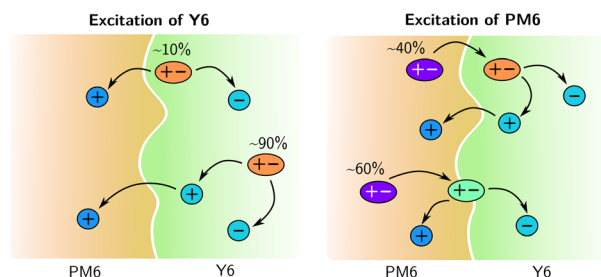
Reshmi T. Parayil, Santosh K. Gupta,* Kalpana Garg, Sangeeta Jangra, Soumen Samanta, K. Sudarshan, M. Mohapatra and Tharamani C. Nagaiah*



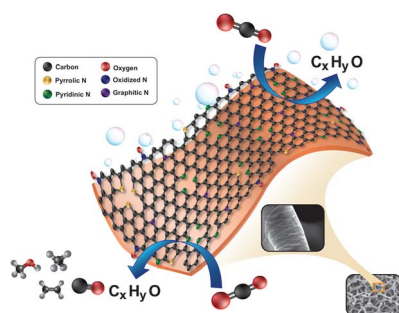
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Jessica M. de la Perrelle, Rohan J. Hudson, Andrew Dolan, Sanjib Jana, Xun Pan, Mats R. Andersson, Howe-Siang Tan, Zuhur H. Alotaibi, Gunther G. Andersson, Trevor A. Smith, David M. Huang and Tak W. Kee*



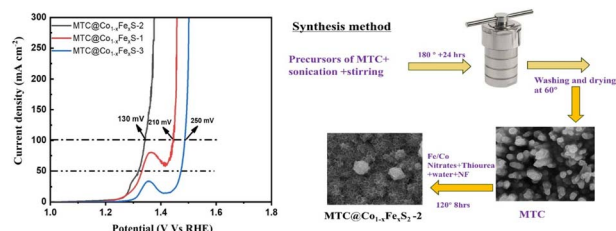
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Selective conversion of carbon dioxide to formate using few-layer nitrogen-doped graphene on copper foam with enhanced suppression of the hydrogen evolution reaction

Thanthita Sasipatworakarn, Daranphop Pikulrat, Kan Homlamai, Salatan Duangdachote and Montree Sawangphruk*

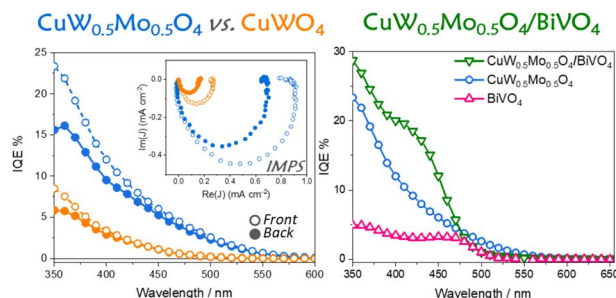
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Boosting oxygen evolution with electrodes composed of metal sulfides and hydrogen bonded organic frameworks

Hina Naz, Rai Nauman Ali, Waqar Ahmad Qureshi, Amjad Ali, Nyaaba Akeno Albert and Guoxing Zhu*

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Annalisa Polo, Maria Vittoria Dozzi,* Gianluigi Marra, Kevin Sivula and Elena Selli

