

Sustainable Energy & Fuels

Interdisciplinary research for the development of sustainable energy technologies

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See Qiuyang Zhao, Liejin Guo *et al.*, pp. 4094–4109. Image reproduced by permission of Qiuyang Zhao from *Sustainable Energy Fuels*, 2023, 7, 4094.

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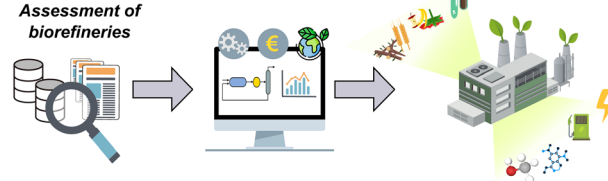
Integrated techno-economic and environmental assessment of biorefineries: review and future research directions

Déborah Pérez-Almada, Ángel Galán-Martín,* María del Mar Contreras and Eulogio Castro

Environmental & Techno-Economic Assessment of biorefineries

Computer-aided tools

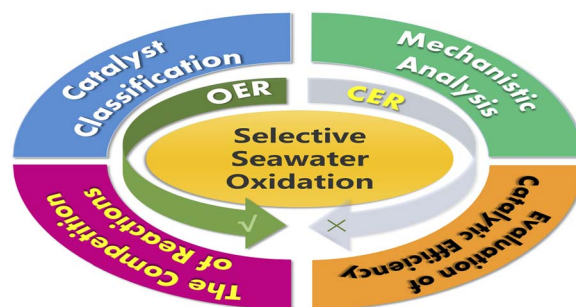
Sustainable biorefineries



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Non-noble metal catalysts for preventing chlorine evolution reaction in electrolytic seawater splitting

Zhixi Guan, Lin Yang, Lianhui Wu, Daying Guo,* Xi'an Chen* and Shun Wang



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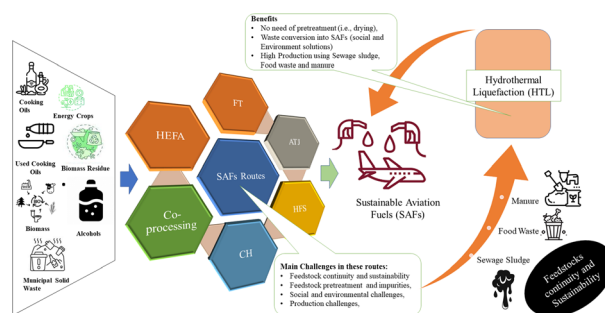


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Muhammad Usman, Shuo Cheng, Sasipa Boonyubol and Jeffrey S. Cross*

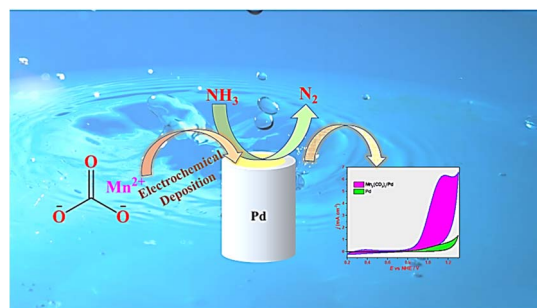


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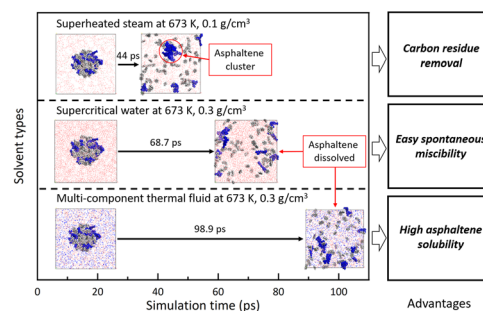


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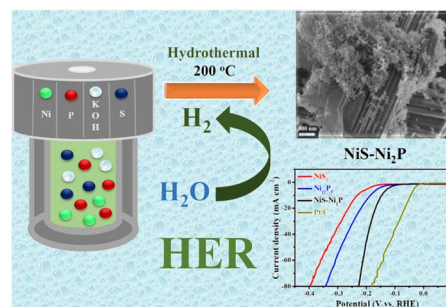
Qiuyang Zhao,* Lichen Zheng, Yu Dong, Hui Jin, Yechun Wang and Liejin Guo*



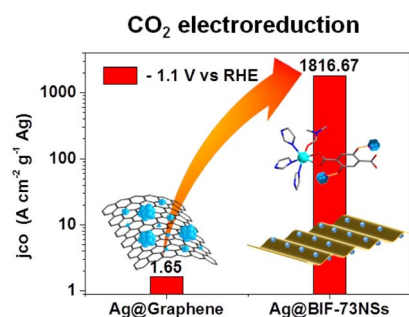
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Jiban K. Das, Nachiketa Sahu, Pratap Mane, Brahmananda Chakraborty and J. N. Behera*



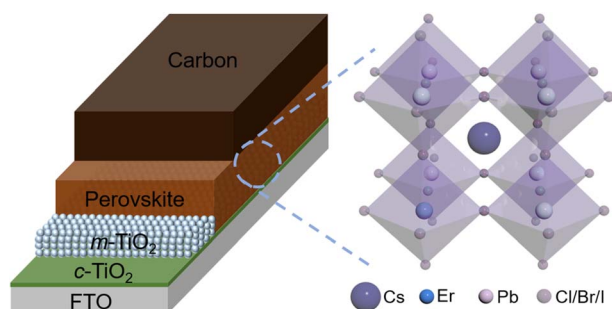
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Ping Shao, Luocai Yi, Jun-Qiang Chen, Changsheng Cao, Hai-Xia Zhang* and Jian Zhang*

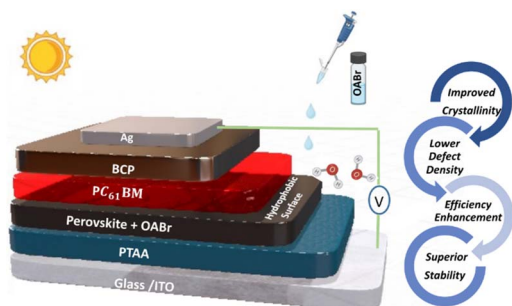
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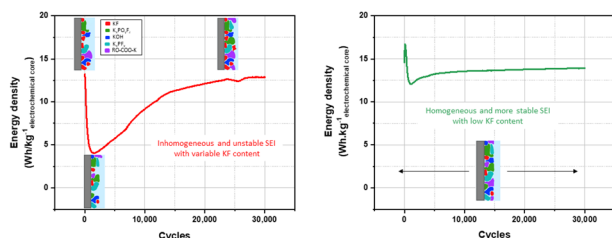
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Nikolaos Tzoganakis, Konstantinos Chatzimanolis, Emmanuel Spiliarotis, George Veisakis, Dimitris Tsikritzis* and Emmanuel Kymakis

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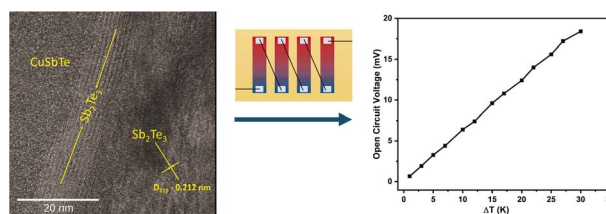


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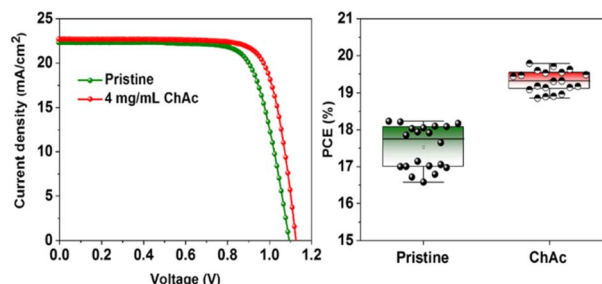
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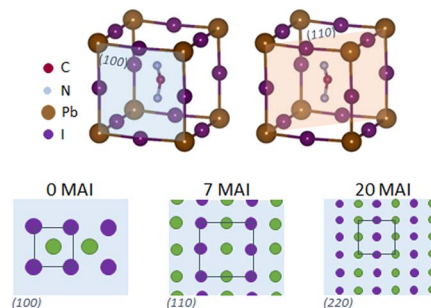
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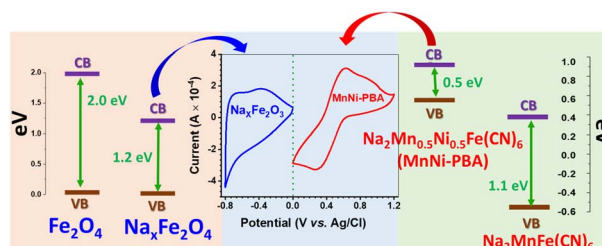
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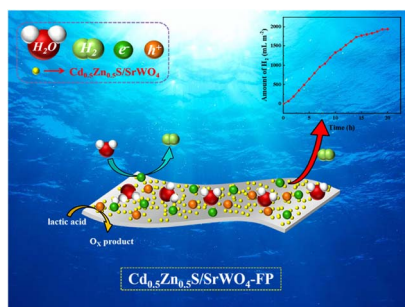
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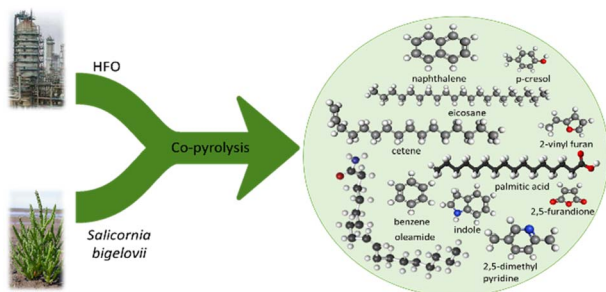
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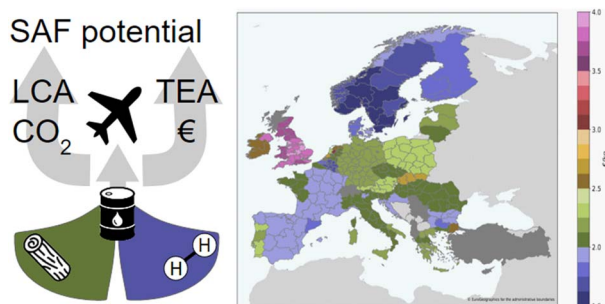
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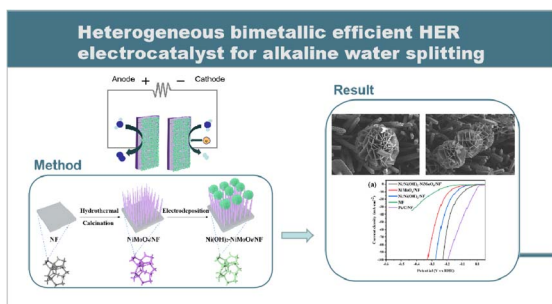
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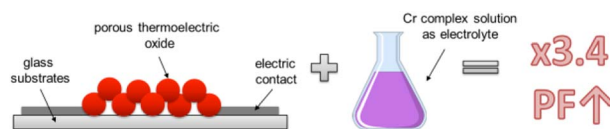


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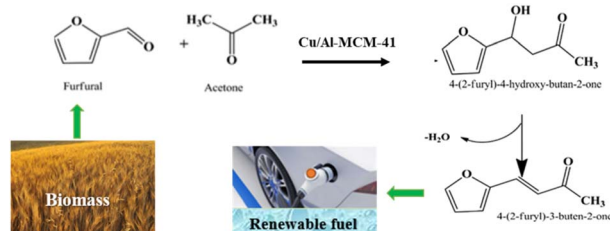
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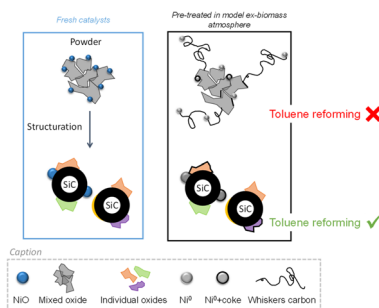
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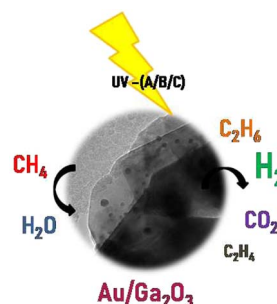
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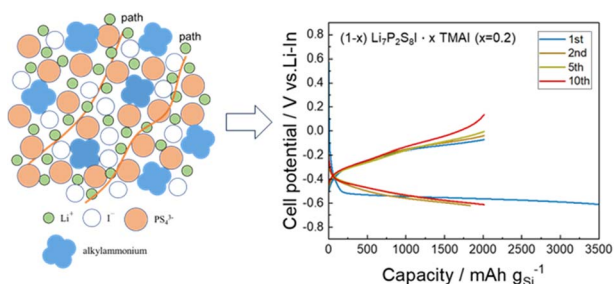
Methane conversion coupled with hydrogen production from water using Au/Ga₂O₃ photocatalysts prepared by different methods

Eliane R. Januario,* Saulo A. Carminati, Aryane Tofanello, Bruno L. da Silva, Patricia F. Silvaino, Arthur P. Machado, Jorge M. Vaz and Estevam V. Spinacé



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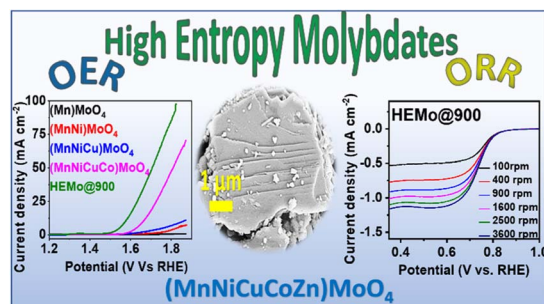
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Tong Fang, Hikaru Tokiwa, Akira Miura and Kiyoharu Tadanaga*

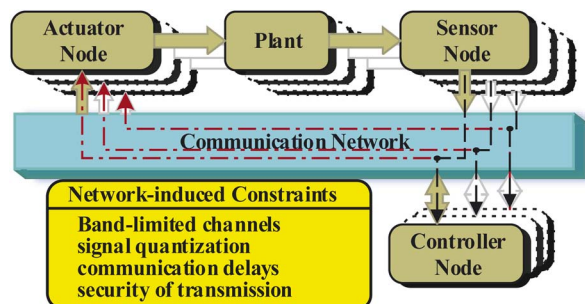
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Hemanth Kumar Beere, Pranav Kulkarni, Uday Narayan Maiti, R. Geetha Balakrishna, Priyam Mukherjee, Hyun Young Jung, Ketaki Samanta and Debasis Ghosh*

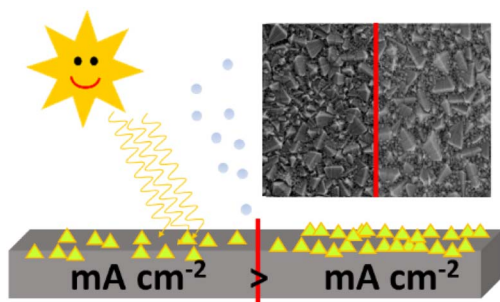
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Hanmei Zhou, Qishui Zhong,* Shaoyu Hu, Jin Yang, Kaibo Shi and Shouming Zhong

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Mirco Ade, Lion Schumacher and Roland Marschall*

