Sustainable Energy & Fuels

Interdisciplinary research for the development of sustainable energy technologies

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See M. Veronica Sofianos *et al.*, pp. 5793–5805. Image reproduced by permission of M. Veronica Sofianos from *Sustainable Energy Fuels*, 2024, **8**, 5793.

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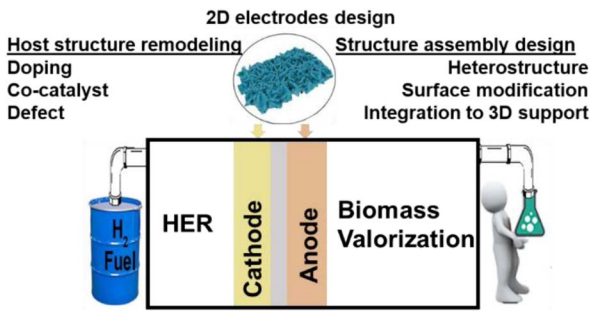
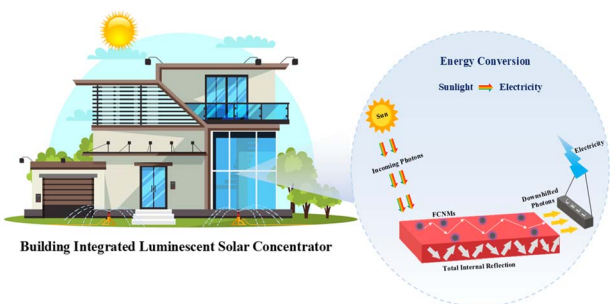
See Bahareh Feizi Mohazzab, Dandan Gao *et al.*, pp. 5620–5637. Image reproduced by permission of Bahareh Feizi Mohazzab and Dandan Gao from *Sustainable Energy Fuels*, 2024, **8**, 5620.

REVIEWS





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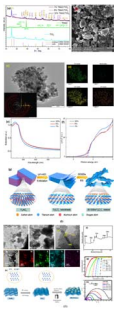
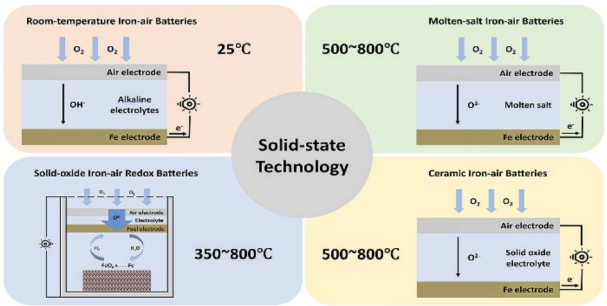
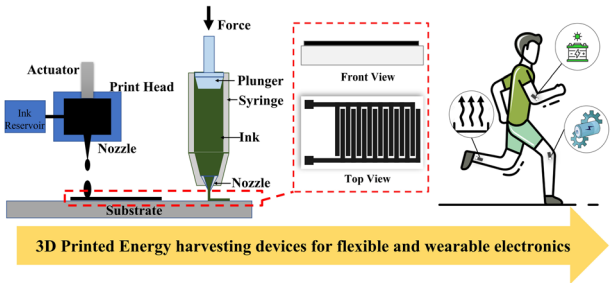
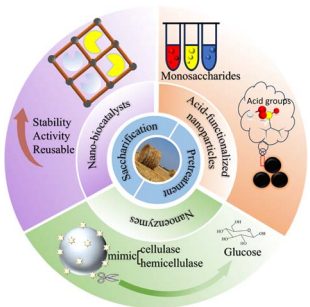
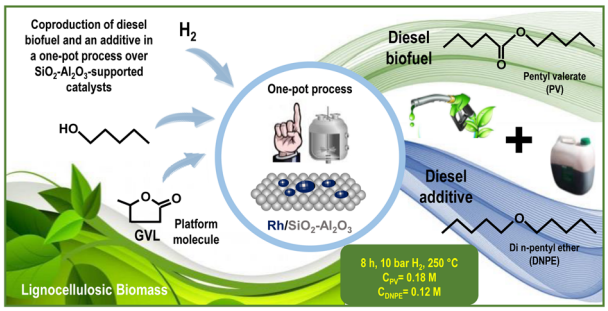








COMMUNICATION



Concurrent production of diesel valeric biofuel and a fuel additive in a one-pot process over SiO_2–Al_2O_3-supported catalysts: influence of the Si/Al ratio

Francisco Agustín Martínez, Darío Jobino Segobia and Nicolás Maximiliano Bertero*

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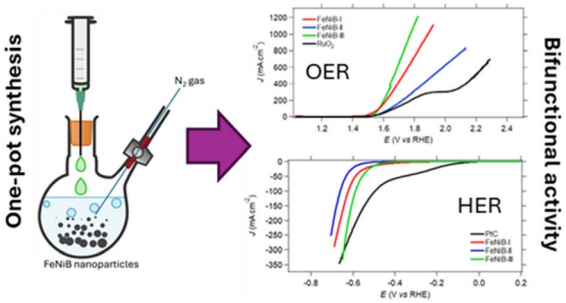
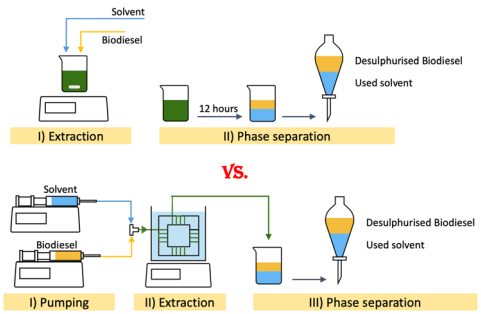


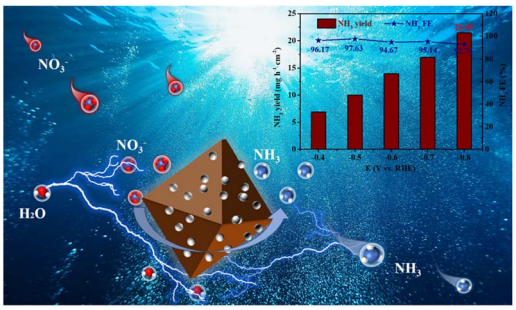
Scalable one-pot synthesis of amorphous iron-nickel-boride bifunctional electrocatalysts for enhanced alkaline water electrolysis

Bennett Schmitt, Eva Murphy, Sinny J. Trivedi, Qiancheng Zhang, Brian J. Rodriguez, Aran Rafferty, Raman Bekarevich, Gabor Ersek, Giuseppe Portale and M. Veronica Sofianos*



Developing microfluidic purification techniques for biodiesel production from recycled grease trap waste

Thanh K. N. Pham, Trang T. Nguyen, Nguyen Van Duc Long, Nam Nghiep Tran,* Muhammad Yousaf Arshad, Mohammad Mohsen Sarafraz and Volker Hessel



FeNi bimetallic oxides derived from MOFs as precursors promote efficient electrochemical synthesis of ammonia

Jiuqing Xiong, Yanli Zhang, Yifan Wang, Haoyu Zhang, Shengwei Huang, Shihai Yan* and Bingping Liu*

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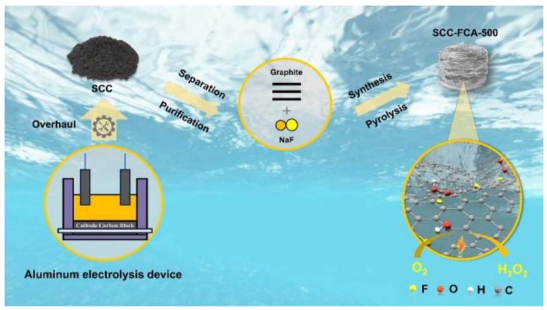

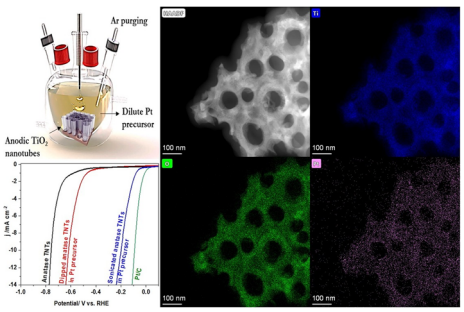

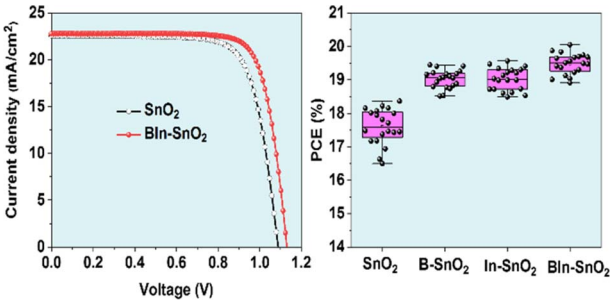

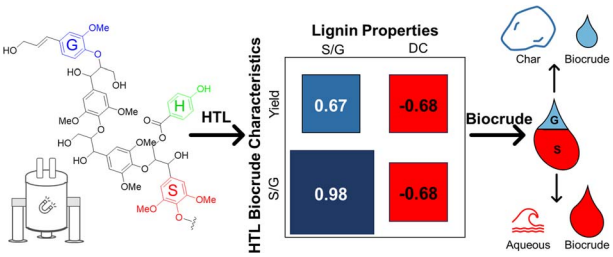

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