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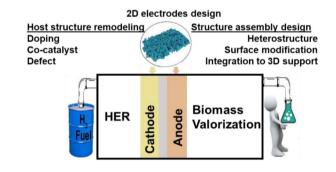
See Bahareh Feizi Mohazzab, Dandan Gao et al., pp. 5620-5637. Image reproduced by permission of Bahareh Feizi Mohazzab and Dandan Gao from Sustainable Energy Fuels, 2024, 8, 5620.

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Tuhin Mandal, Shiv Rag Mishra, Manish Kumar and Vikram Singh\*







# EES Batteries

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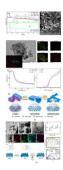
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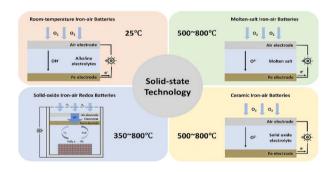
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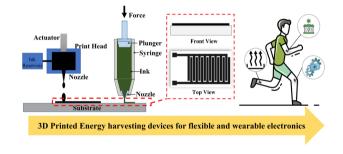
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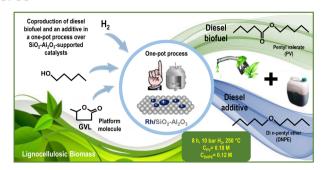
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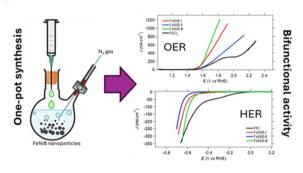


Concurrent production of diesel valeric biofuel and a fuel additive in a one-pot process over SiO<sub>2</sub>-Al<sub>2</sub>O<sub>3</sub>supported catalysts: influence of the Si/Al ratio

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

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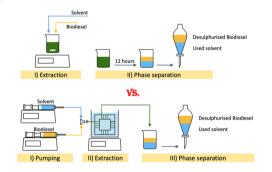
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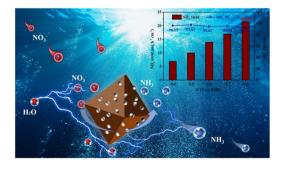
Bennett Schmitt, Eva Murphy, Sinny J. Trivedi, Qiancheng Zhang, Brian J. Rodriguez, Aran Rafferty, Raman Bekarevich, Gabor Ersek, Giuseppe Portale and M. Veronica Sofianos\*

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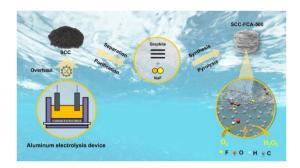
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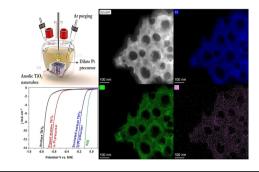
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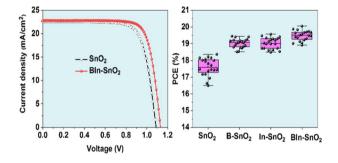
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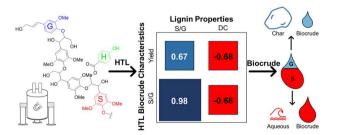
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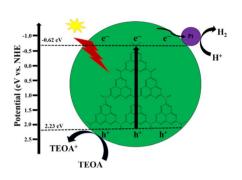
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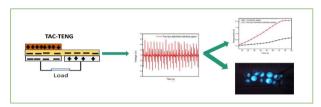
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### Improved charge separation and transport with Laspartic acid derived carbon-doped g-C<sub>3</sub>N<sub>4</sub> for efficient visible-light photocatalytic H2 production

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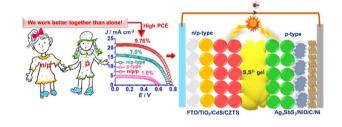
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P. A. Hisna and P. P. Pradyumnan\*

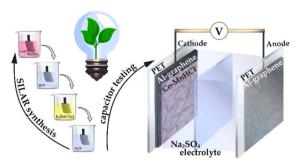
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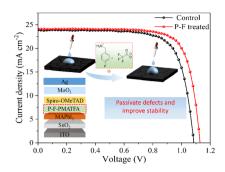
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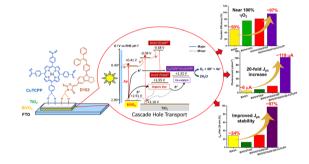
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Thermoelectrically polarized amorphous silica promotes sustainable carbon dioxide conversion into valuable chemical products

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