

Sustainable Energy & Fuels

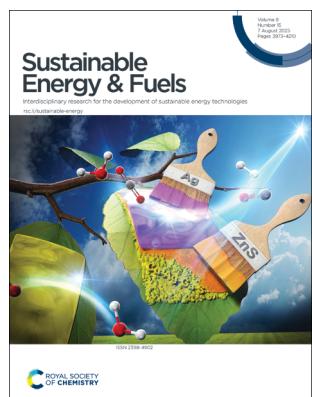
Interdisciplinary research for the development of sustainable energy technologies

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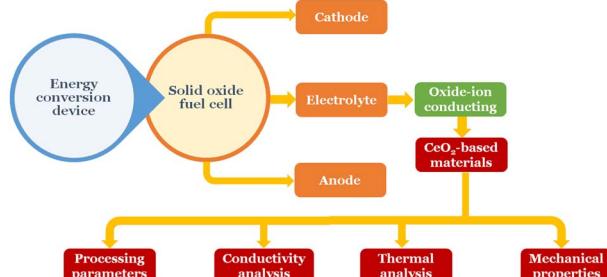
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REVIEW

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Cerium oxide-based electrolytes for low- and intermediate-temperature solid oxide fuel cells: state of the art, challenges and future prospects

Paramvir Kaur and K. Singh*

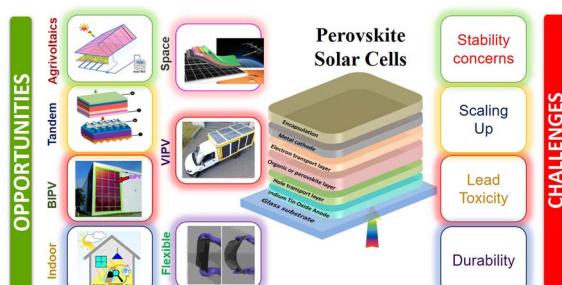


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Elemental answers



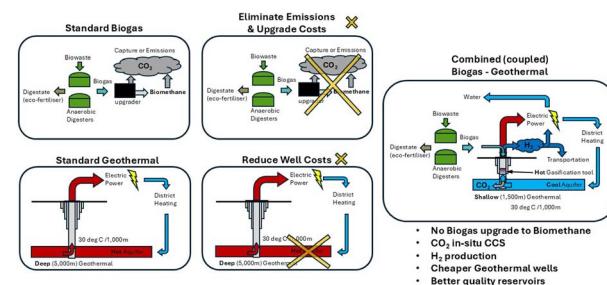
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A geothermal energy techno-economic analysis for downhole wellbore hydrogen production from biogas with subsurface carbon retention

S. Gillick* and M. Babaei*

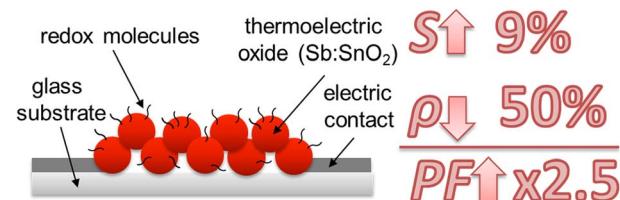


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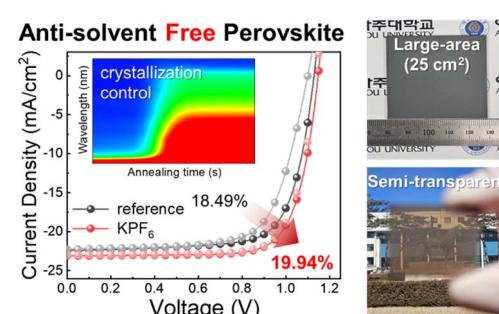
M. M. Rahman, L. Márquez-García, M. Solis-de la Fuente and J. García-Cañadas*



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Crystallization control of antisolvent-free perovskite films using alkali metal additives for improving efficiency and extending applicability of perovskite solar cells

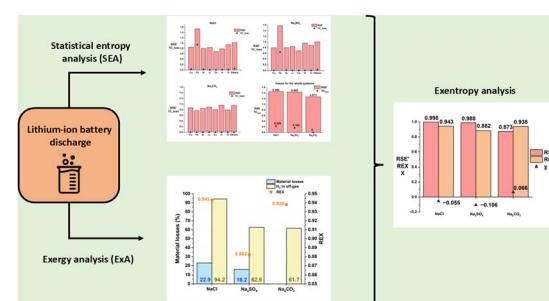
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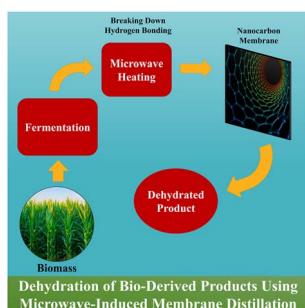
A process simulation study on the impact of electrochemical discharge on the circularity of lithium-ion batteries using new multi-dimensional indicators

Minerva Vierunketo, Anna Klemettinen, Annukka Santasalo-Aarnio and Rodrigo Serna-Guerrero*



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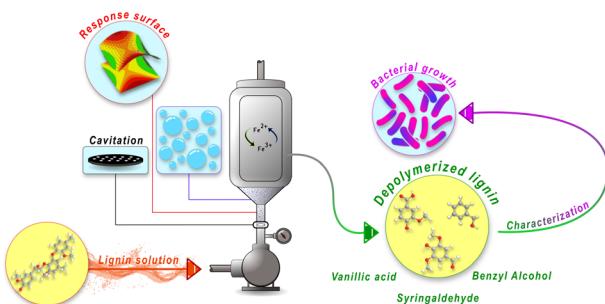
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Mitun Chandra Bhoumick, Benjamin G. Harvey,
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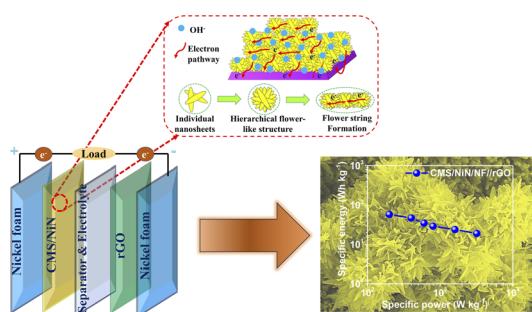
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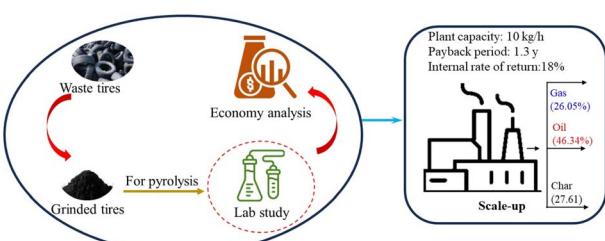
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An integrated approach to waste tire pyrolysis for value-added products: process optimization and a comprehensive economic study for scalability

Uma Sankar Behera, Sourav Poddar* and Hun-Soo Byun*

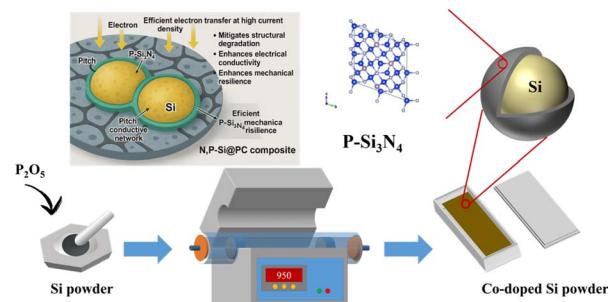


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Gradient-coated P-doped Si_3N_4 with dual functions for silicon anodes: stress buffering and charge transport enhancement

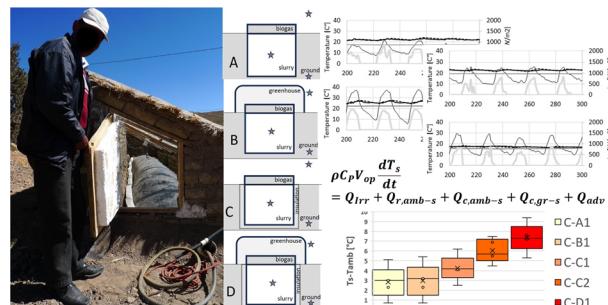
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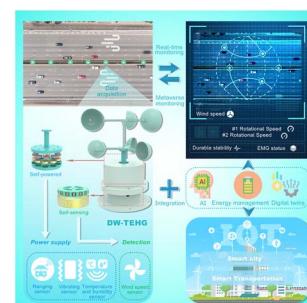
Juan Jaramillo, Liliana Castro, Humberto Escalante and Jaime Martí-Herrero*



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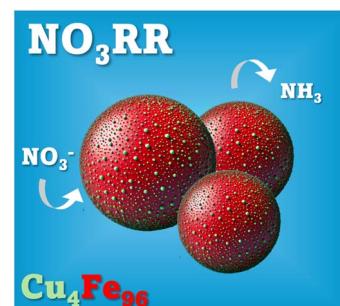
Keqi Wu, Chengliang Fan, Minfeng Tang, Hongyu Chen, Yajia Pan, Dabing Luo and Zutao Zhang*



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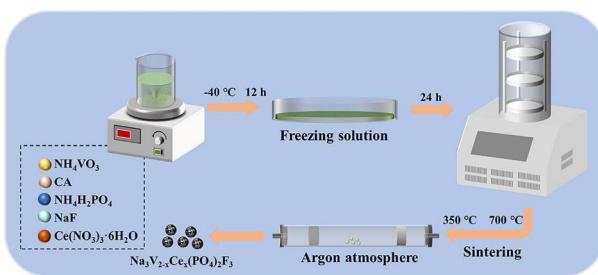
Nitrate reduction to ammonia using Cu–Fe nanoparticles

Ido Dan, Paz Stein, Dyuti Bandyopadhyay, Yan Tetarevsky, Alevtina Neyman, Shir Abramovich, Rotem Geva and Maya Bar Sadan*



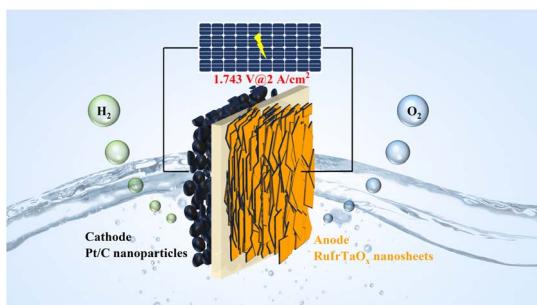
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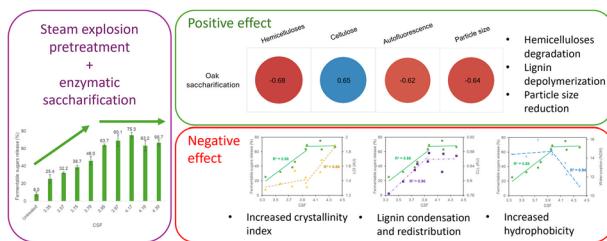
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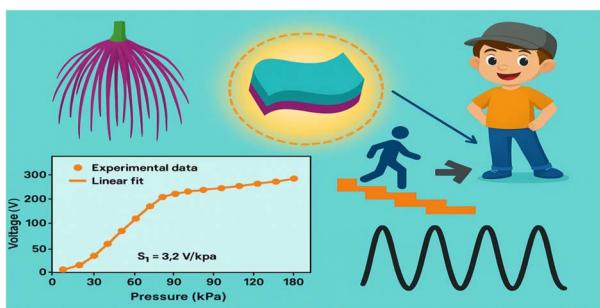
Wenou Bai,* Ailing Yan, Yucan Dong, Jingai Wang, Bo Jia* and Qing Feng

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Edwige Audibert, Adriana Quintero, Frédéric Martel, Gabriel Paës* and Caroline Rémond*

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Sayed Muksedul Haque Pias, Md. Nurnabi, Rahat Hossain, Md. Monjarul Alam, Kamaruzzaman and S M Sohel Rana*

