

Energy Advances

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ISSN 2753-1457 CODEN EANDBJ 5(6) 769-890 (2026)



Cover
See Volker Presser *et al.*,
pp. 810–823.
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Energy Adv., 2026, 5, 810.

EDITORIAL

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Hydrogen systems for a circular and low-carbon economy



Kentaro Umeki

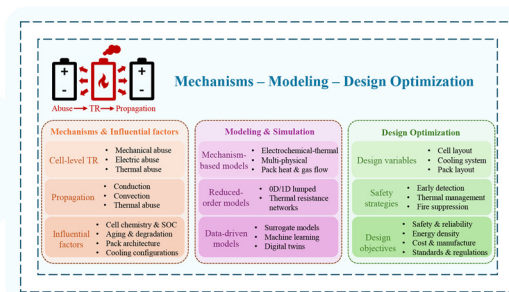
Sebastian Fendt

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A review on mitigating thermal runaway propagation in battery packs: from mechanisms to modeling and design optimization

Yiyue Jiang, Yuan Jiang and Pingfeng Wang*



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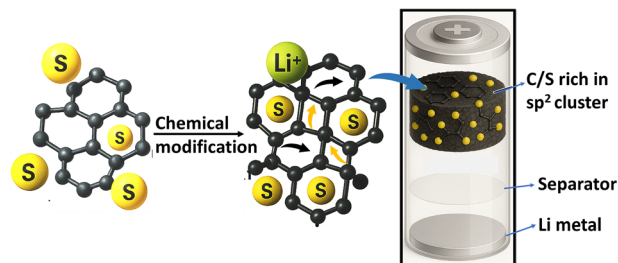
Fundamental questions
Elemental answers



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Microporous carbon enhanced by structural modifications to suppress polysulfide shuttling and reduce capacity fading in lithium–sulfur batteries

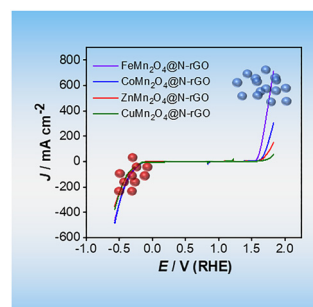
Delvina Japhet Tarimo, Francisco J. Garcia-Soriano, Alen Vizintin, Christian Prehal, Elena Tchernychova and Volker Presser*



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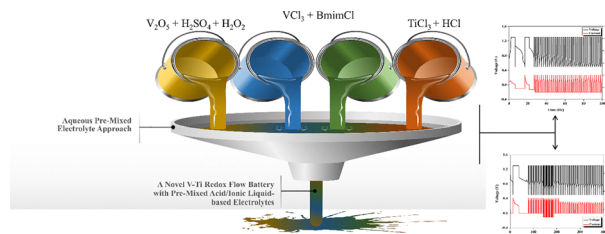
Madakannu Iyyappan, Ayyavu Shankar, Govindan Maduraiveeran* and K. K. R. Datta*



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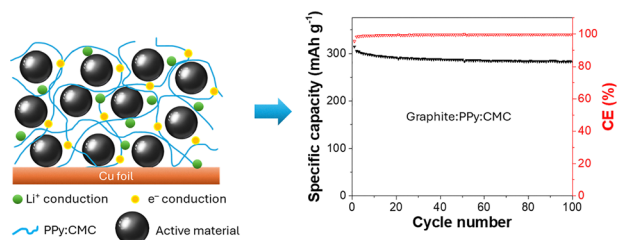
Chivukula Kalyan Sundar Krishna and Yansong Zhao*



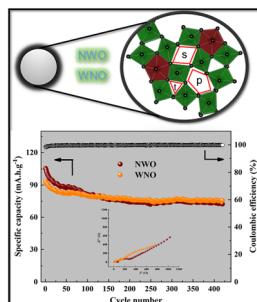
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Aqueous polypyrrole: carboxymethyl cellulose conducting binder for graphite electrodes in lithium-ion batteries

Anh Ngoc Tram Mai and Christian Kuss*



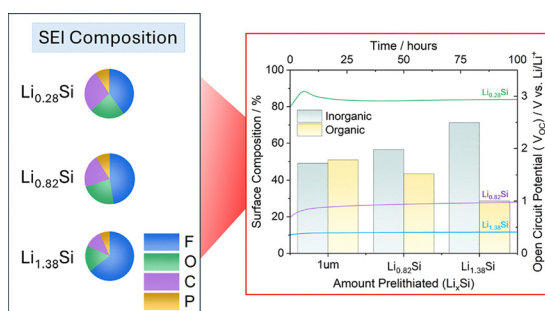
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Carbon-coated niobium tungsten oxides as new and efficient anode materials for Na-ion batteries

Y. Bhaskara Rao,* Katta Vamsi Krishna and C. André Ohlin*

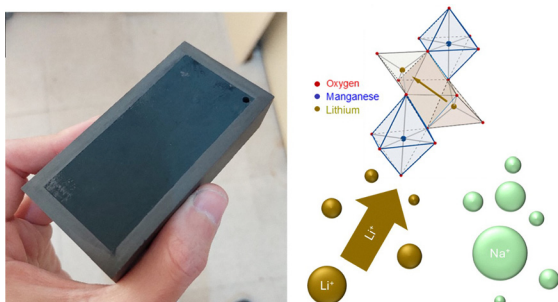
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Solid-state prealkylation of electrode architectures to tune solid electrolyte interphase composition

Amanda L. Musgrove,* Ankit Verma, Marco-Tulio F. Rodrigues, Evelyn Wang, Baris Key, Anton Grabo-Tomich, Christopher S. Johnson, Robert L. Sacci, Steven Lam, Harry M. Meyer III, Andrew M. Colclasure, Beth L. Armstrong and Gabriel M. Veith*

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Lithium-ion uptake on lithium manganese oxide soft and bare electrodes

S. Orozco-Barrera, J. A. Lirio Piñar, C. Kök, G. R. Iglesias, A. V. Delgado, V. Presser* and S. Ahualli*

