

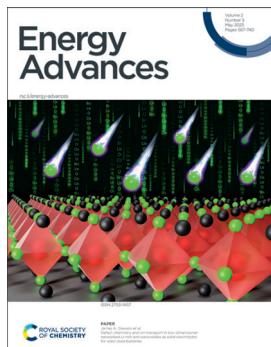
Energy Advances

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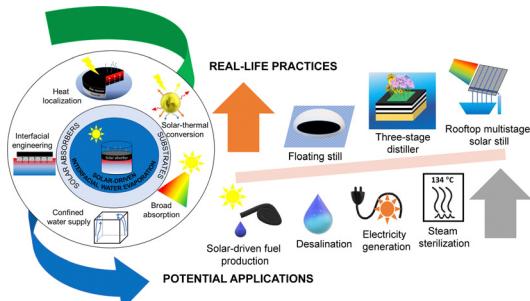
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REVIEW

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Review of the progress of solar-driven interfacial water evaporation (SIWE) toward a practical approach

Srishti, Apurba Sinhamahapatra* and Aditya Kumar

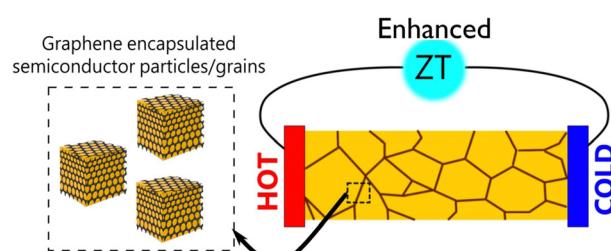


PERSPECTIVES

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The role of graphene in new thermoelectric materials

Rafiq Mulla,* Alvin Orbaek White, Charles W. Dunnill and Andrew R. Barron*



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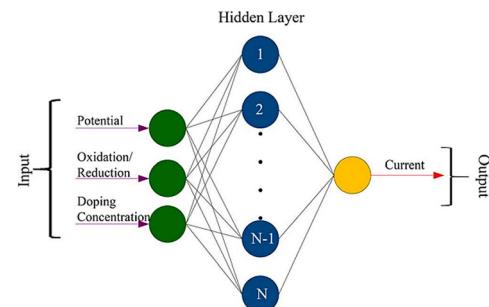


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Artificial intelligence-navigated development of high-performance electrochemical energy storage systems through feature engineering of multiple descriptor families of materials

Haruna Adamu, Sani Isah Abba, Paul Betiang Anyin, Yusuf Sani and Mohammad Qamar*

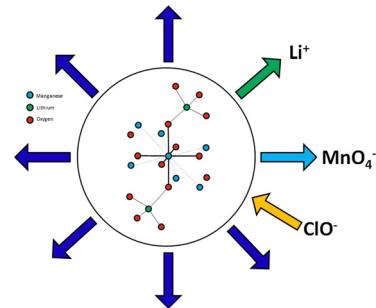


COMMUNICATION

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Oxidative dissolution of lithium and manganese from lithium manganospinel (LiMn_2O_4): towards climate-smart processes for critical metal recycling

Rhys A. Ward,* Dávid Kocsis* and Jay D. Wadhawan*

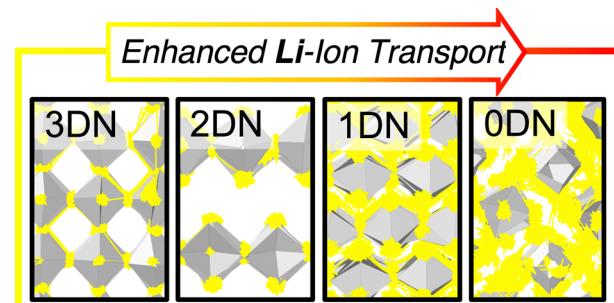


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Defect chemistry and ion transport in low-dimensional-networked Li-rich anti-perovskites as solid electrolytes for solid-state batteries

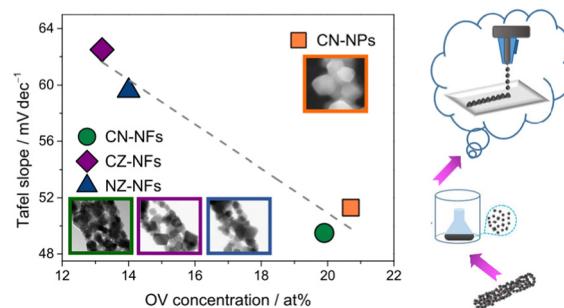
Ana Carolina Coutinho Dutra, George E. Rudman, Karen E. Johnston and James A. Dawson*



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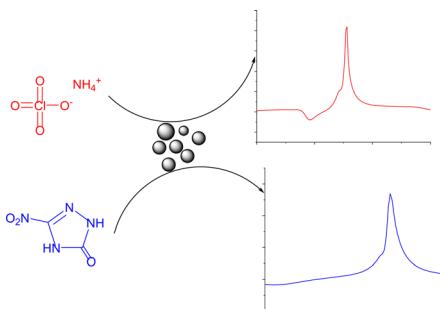
Evaluation of electrospun spinel-type high-entropy $(\text{Cr}_{0.2}\text{Mn}_{0.2}\text{Fe}_{0.2}\text{Co}_{0.2}\text{Ni}_{0.2})_3\text{O}_4$, $(\text{Cr}_{0.2}\text{Mn}_{0.2}\text{Fe}_{0.2}\text{Co}_{0.2}\text{Zn}_{0.2})_3\text{O}_4$ and $(\text{Cr}_{0.2}\text{Mn}_{0.2}\text{Fe}_{0.2}\text{Ni}_{0.2}\text{Zn}_{0.2})_3\text{O}_4$ oxide nanofibers as electrocatalysts for oxygen evolution in alkaline medium

Claudia Triolo, Simon Schweidler, Ling Lin, Gioele Pagot, Vito Di Noto, Ben Breitung* and Saveria Santangelo*



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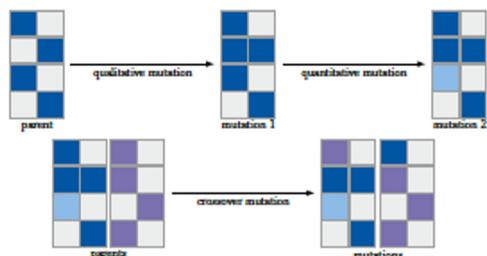
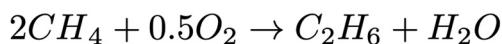
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Graphene oxide based nickel–copper–zinc and copper–zinc cobaltite: catalysts for the thermolysis of ammonium perchlorate and nitrotriazolone

Pragnesh N. Dave* and Ruksana Sirach

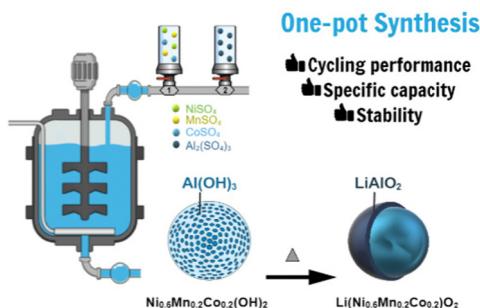
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Prediction of suitable catalysts for the OCM reaction by combining an evolutionary approach and machine learning

Carlotta L. M. von Meyenn and Stefan Palkovits*

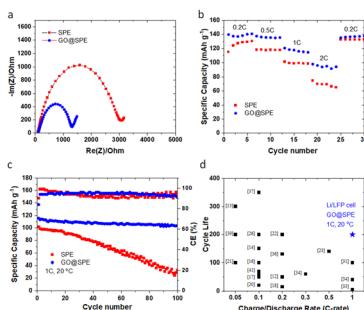
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One-pot synthesis of LiAlO_2 -coated $\text{LiNi}_{0.6}\text{Mn}_{0.2}\text{Co}_{0.2}\text{O}_2$ cathode material

Ouardia Touag, Gaël Coquil, Mathieu Charbonneau, Gabrielle Foran, Amrita Ghosh, Denis Mankovsky and Mickaël Dollé*

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Fast rate lithium metal batteries with long lifespan enabled by graphene oxide confinement

Vahid Jabbari, Vitaliy Yurkiv, Alireza Ghorbani, Farzad Mashayek and Reza Shahbazian-Yassar*

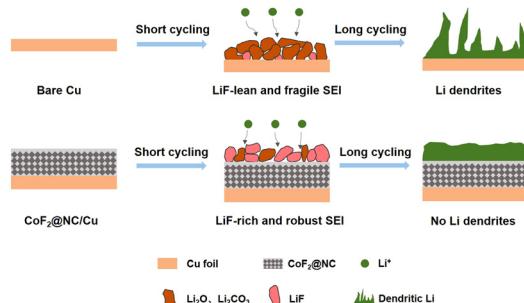


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An *in situ* LiF-enriched solid electrolyte interphase from CoF_2 -decorated N-doped carbon for dendrite-free Li metal anodes

Xiaopan Jin, Gaoxu Huang, Xianming Zhao, Guoli Chen, Mengjia Guan and Yongsheng Li*



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Photo-assisted electrochemical CO_2 reduction at a boron-doped diamond cathode

Goki Iwai, Andrea Fiorani,* Jinglun Du and Yasuaki Einaga*

