

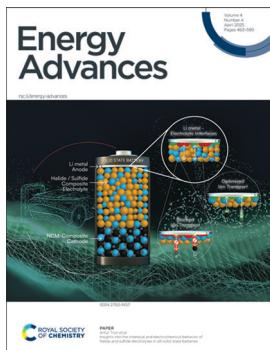
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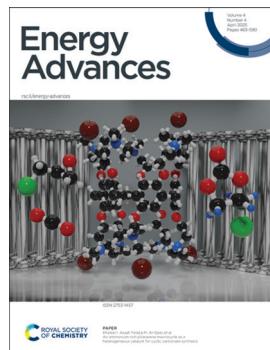
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Cover

See Artur Tron et al., pp. 518–529.
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Inside cover

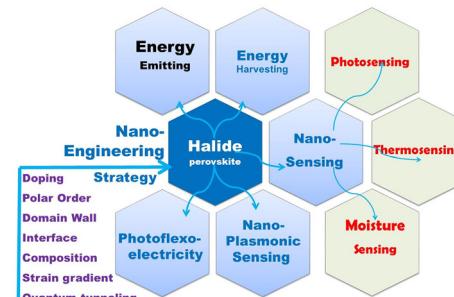
See Khaleel I. Assaf, Feda'a M. Al-Qaisi et al., pp. 530–535.
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REVIEW

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Nano-engineering halide perovskites: towards energy harvesting, nano-plasmonic sensing and photoflexoelectric applications

Taame Abraha Berhe,* Etsana Kiros Ashebir, Wei-Nien Su* and Bing Joe Hwang*

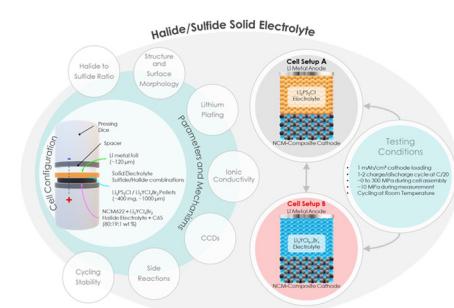


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Insights into the chemical and electrochemical behavior of halide and sulfide electrolytes in all-solid-state batteries

Artur Tron,* Alexander Beutl, Irshad Mohammad and Andrea Paoletta



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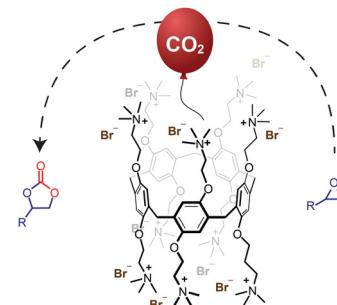


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An ammonium rich pillararene macrocycle as a heterogeneous catalyst for cyclic carbonate synthesis

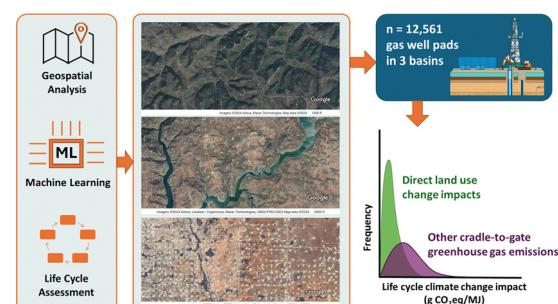
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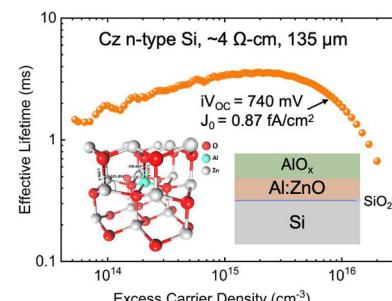
Amir Sharafi and Marie-Odile P. Fortier*



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Impact of precursor dosing on the surface passivation of AZO/AlO_x stacks formed using atomic layer deposition

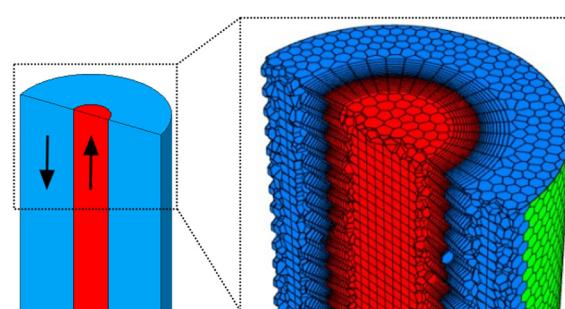
Yan Wang, Theodore D. C. Hobson, Jack E. N. Swallow, Shona McNab, John O'Sullivan, Anastasia H. Soeriyadi, Xinya Niu, Rebekah C. Fraser, Akash Dasgupta, Soumyajit Maitra, Pietro P. Altermatt, Robert S. Weatherup, Matthew Wright and Ruy S. Bonilla*



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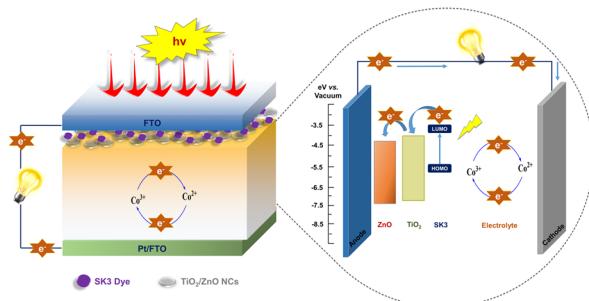
Design parameter optimization of a membrane reactor for methanol synthesis using a sophisticated CFD model

Theresa Hauth,* Konstantin Pielmaier, Vincent Dieterich, Nicolas Wein, Hartmut Spliethoff and Sebastian Fendt



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TiO₂/ZnO nanocomposites with a metal-free dye and a polymer gel electrolyte: optimizing photovoltaic efficiency and assessing stability via time series analysis

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