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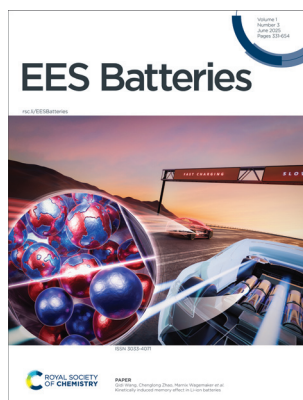
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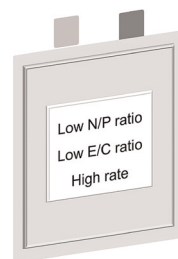
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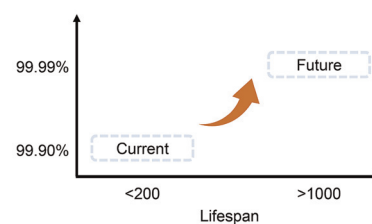
Advances in high-coulombic-efficiency lithium metal anodes under practical conditions in liquid electrolytes

Shu-Yu Sun, Xue-Qiang Zhang,* Xue-Yi Yan, Zhao Zheng, Qian-Kui Zhang and Jia-Qi Huang*

Urgent requirement towards high-CE Li metal anodes under practical conditions



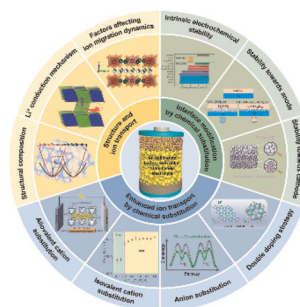
Coulombic efficiency



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Insights into chemical substitution of metal halide solid-state electrolytes for all-solid-state lithium batteries

Chao Wu, Zhen Wang, Zhanhui Jia, Jiawu Cui, Chengyong Shu, Xiaowei Wang,* Yuping Wu and Wei Tang*



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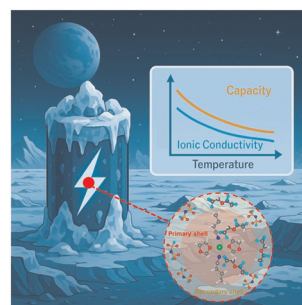
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Mehdi Shanbedi, Hossein Shahali, Andreas A. Polycarpou* and Ahmad Amiri*

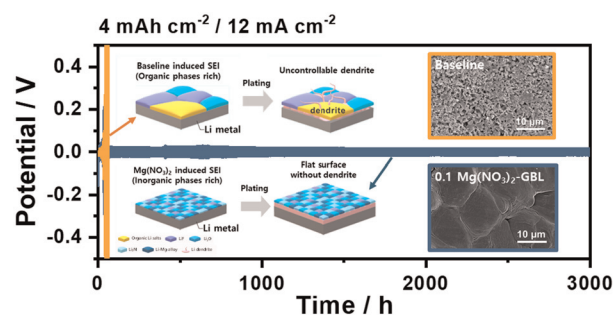


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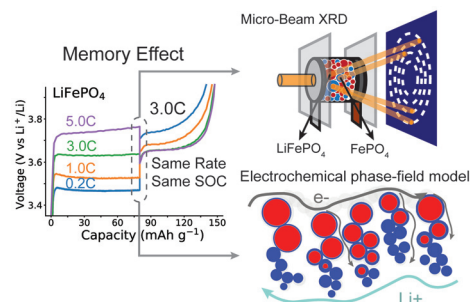


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Kinetically induced memory effect in Li-ion batteries

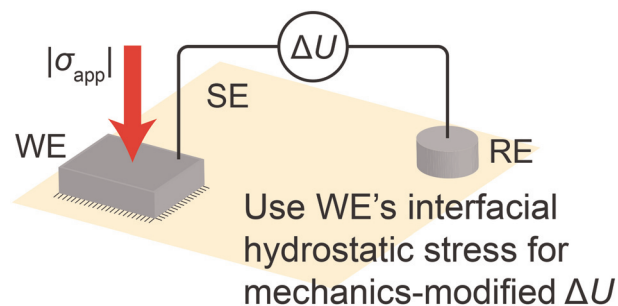
Pierfrancesco Ombrini, Qidi Wang,* Alexandros Vasileiadis, Fangting Wu, Ziyao Gao, Xia Hu, Martijn van Hulzen, Baohua Li, Chenglong Zhao* and Marnix Wagemaker*



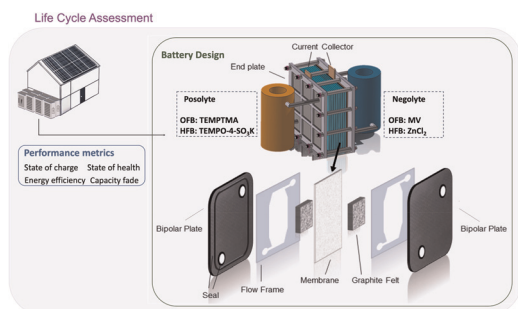
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Taeho Jung, Yueming Song, Gianna M. Valentino and Paul Albertus*



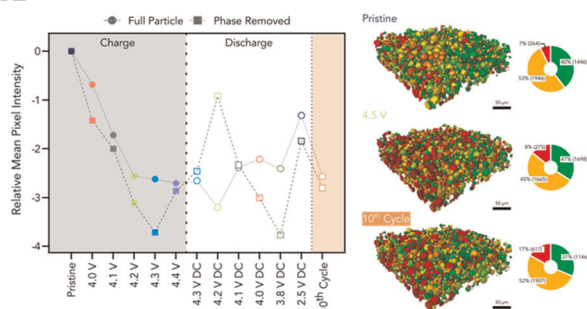
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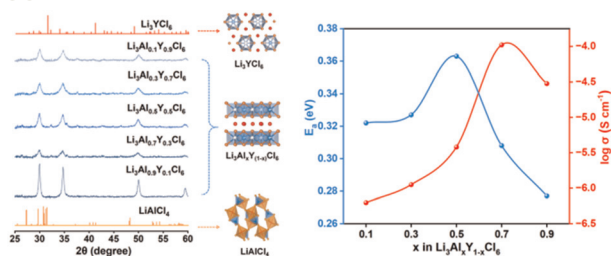
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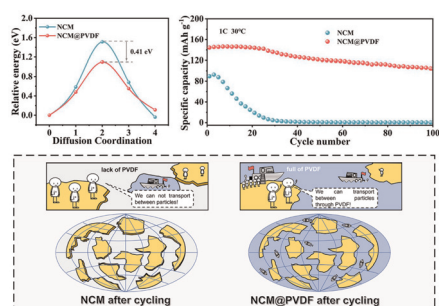
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A high Al-doping ratio halide solid electrolyte with a 3D Li-ion transport framework

Yi-Xuan Li, Li-Ping Cui, Shu Zhang, Peng-Fei Sun, Cheng-Dong Fang, Yu-Hang Zhang, Liu-Bin Feng and Jia-Jia Chen*

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Meng Ye, Zhian Zhang, Jianhua Chen, Qiuyue Chen, Jiarui Hu, Lang Qiu, Fang Wan* and Xiaodong Guo*

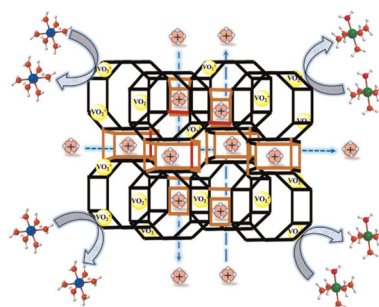


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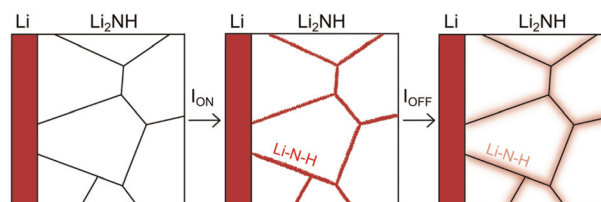
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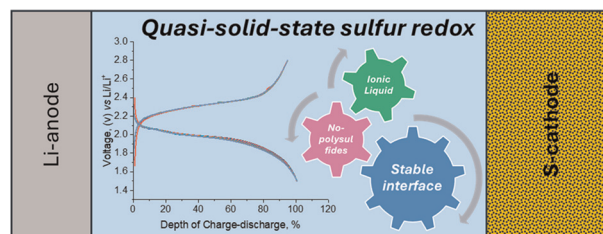
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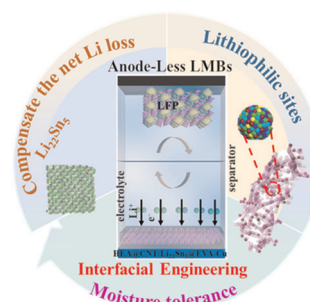
Ajit Kumar,* Frederick Nti, Jenny Sun, Mahin Maleki, Steve Rowlands, Paul M. Bayley, Maria Forsyth* and Patrick C. Howlett*



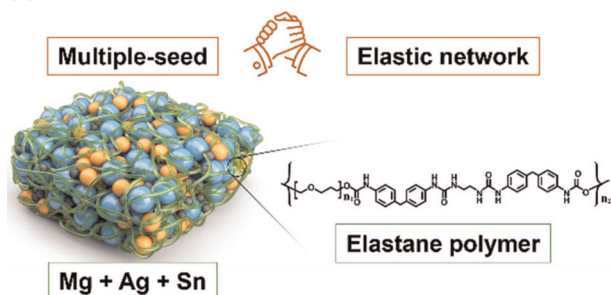
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Lu Cheng, Jiacheng Liu, Helin Wang, Yuxiang Guo, Ahu Shao, Yunsong Li, Zhiqiao Wang, Yaxin Zhang, Jiawen Tang, Chunwei Li and Yue Ma*



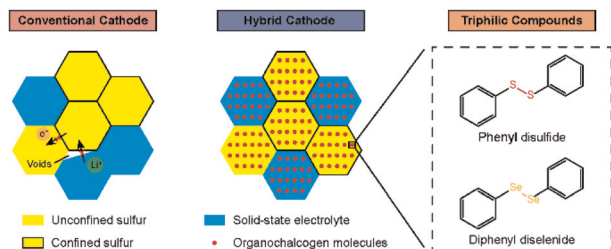
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High-performance anode-less all-solid-state batteries enabled by multisite nucleation and an elastic network

Jihoon Oh, Yeeun Sohn and Jang Wook Choi*

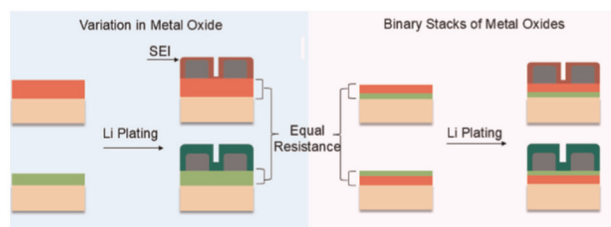
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Triphilic organochalcogen compounds for high-capacity and stable solid-state lithium–sulfur batteries

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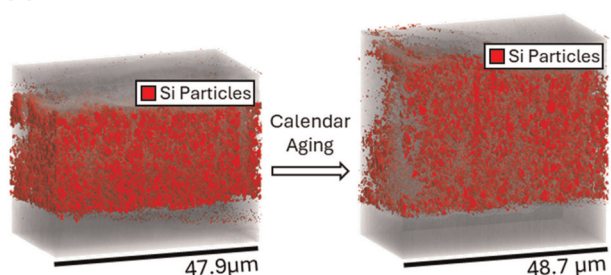
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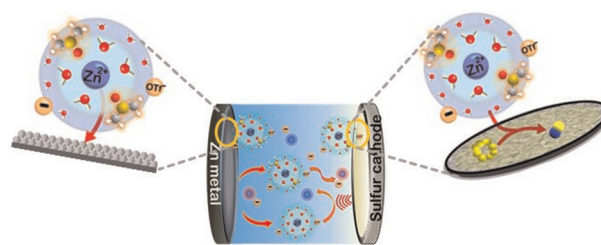
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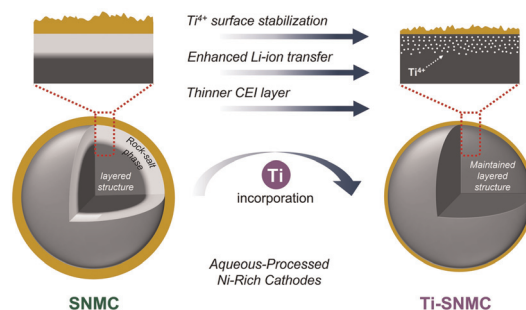
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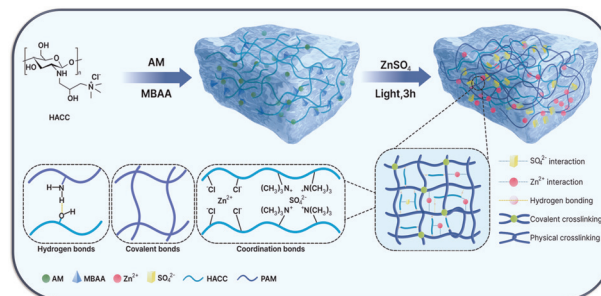
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Superior sulfur infiltration into carbon mesosponge via chemical reaction for enhanced cycling stability in lithium–sulfur batteries

Tianshu Liu, Koki Fujita, Ayako Kawase,* Zheng-Ze Pan, Takuma Kuroda, Shinichiroh Iwamura and Hirotomo Nishihara*

