



Showcasing research from Professor Huang Zhang's laboratory, School of Electrical and Electronic Engineering, Harbin University of Science and Technology, China.

Prospects of single atom catalysts for dendrite-free alkali metal batteries

The review of single-atom catalyst (SAC) technology for the manipulation of alkaline metal anodes in batteries has highlighted the efficient role in manipulating the alkali metal anode in batteries. Sustainable paths for future critical battery chemistry and material selections based on SACs are further prospected to achieve advanced and sustainable alkali metal batteries.

As featured in:



See Jian Wang, Huang Zhang, Hongzhen Lin *et al.*, *Green Chem.*, 2024, 26, 10366.