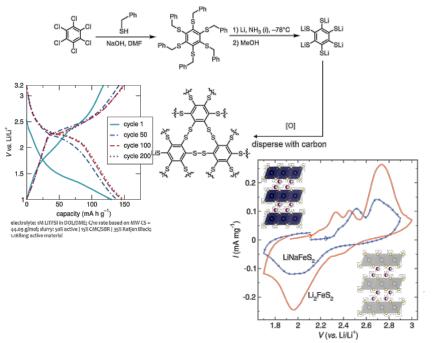
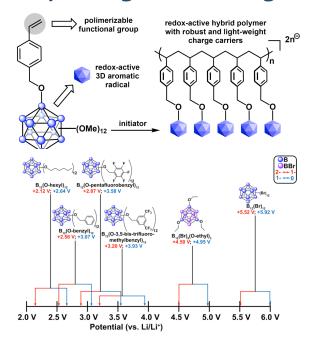
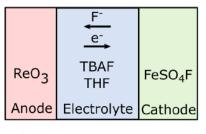
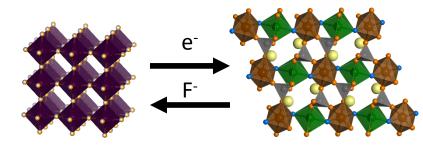
SCALAR EFRC Thrust I: Anionic redox as a new paradigm for next-generation energy storage







Anode: $ReO_3 + F^- \longrightarrow ReO_3F + e^-$ Cathode: $FeSO_4F + e^- \longrightarrow FeSO_4 + F^-$



Transition metal sulfides and polymers are being studied to prevent sulfide dissolution

Insoluble borane clusters allow access to purely anionic redox chemistry with highly tunable voltage windows

The intercalation of small anions like fluoride, are an alternative to traditional cation-based processes

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