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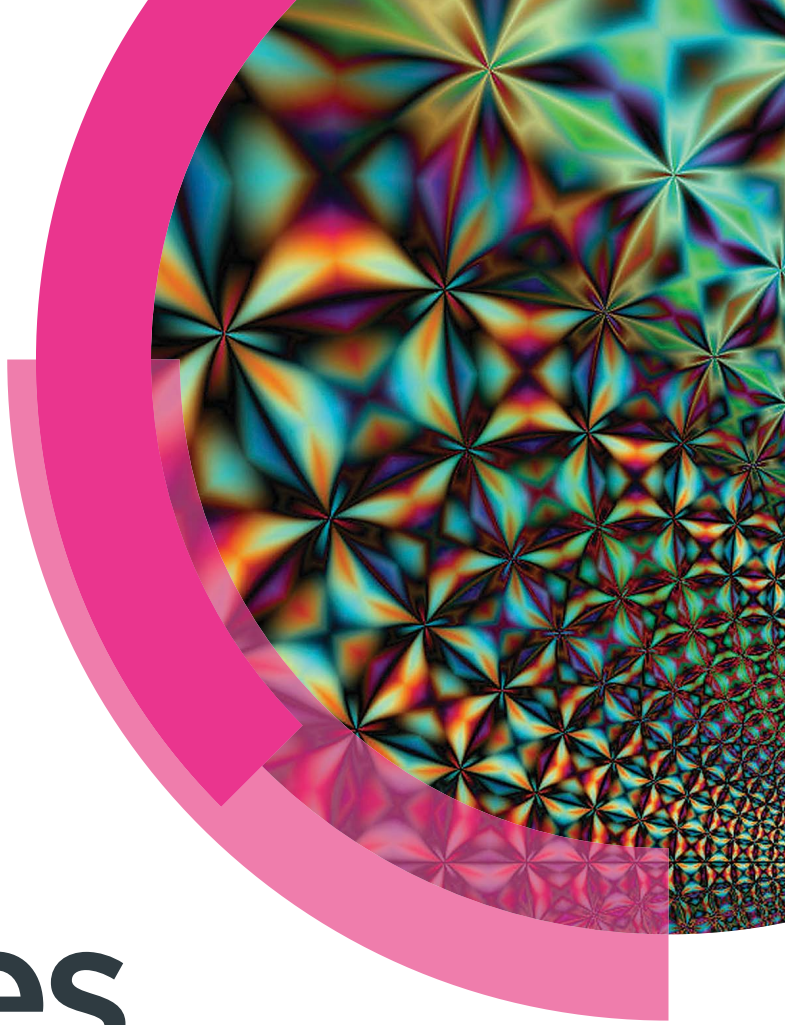

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Showcasing research from Professor Weijie Li's laboratory, State Key Laboratory for Powder Metallurgy, Central South University, Changsha, China.

An electron-losing regulation strategy for stripping modulation towards a highly reversible Zn anode

Aqueous zinc-ion batteries have attracted widespread attention as candidates for next-generation energy storage systems. Uneven plating/stripping of zinc can cause irreversible electrodes during cycling. In this work, an electro-losing regulation strategy for stripping modulation by adding Oxolane additives is proposed. According to experimental results, this study provides new guidance for the design of electrolyte additives.

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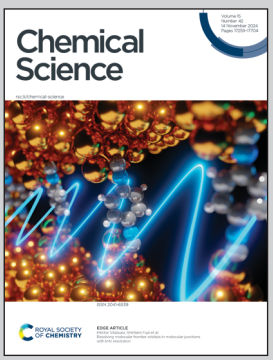

See Weijie Li *et al.*, *Chem. Sci.*, 2024, **15**, 17348.

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