

Supplementary material

Application of conversion electrode based on decomposition derivatives of $\text{Ag}_4[\text{Fe}(\text{CN})_6]$ for aqueous electrolyte batteries

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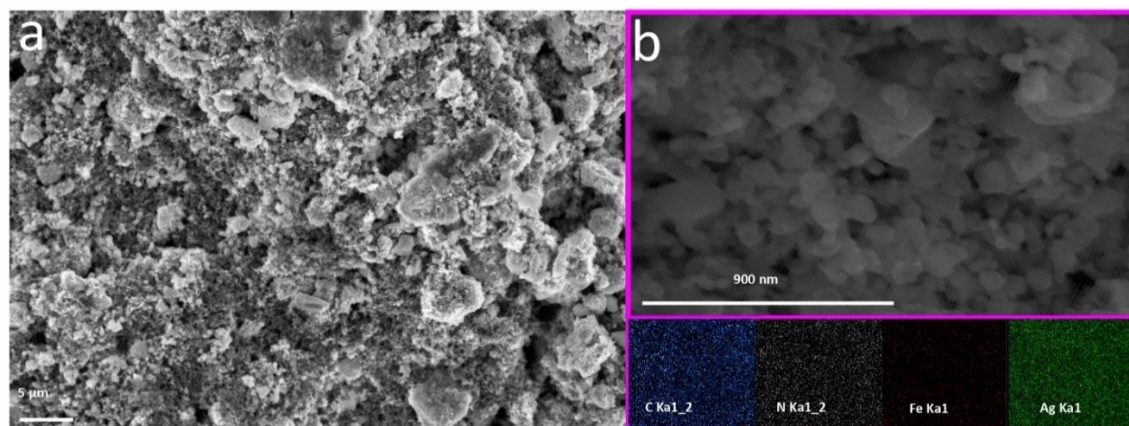
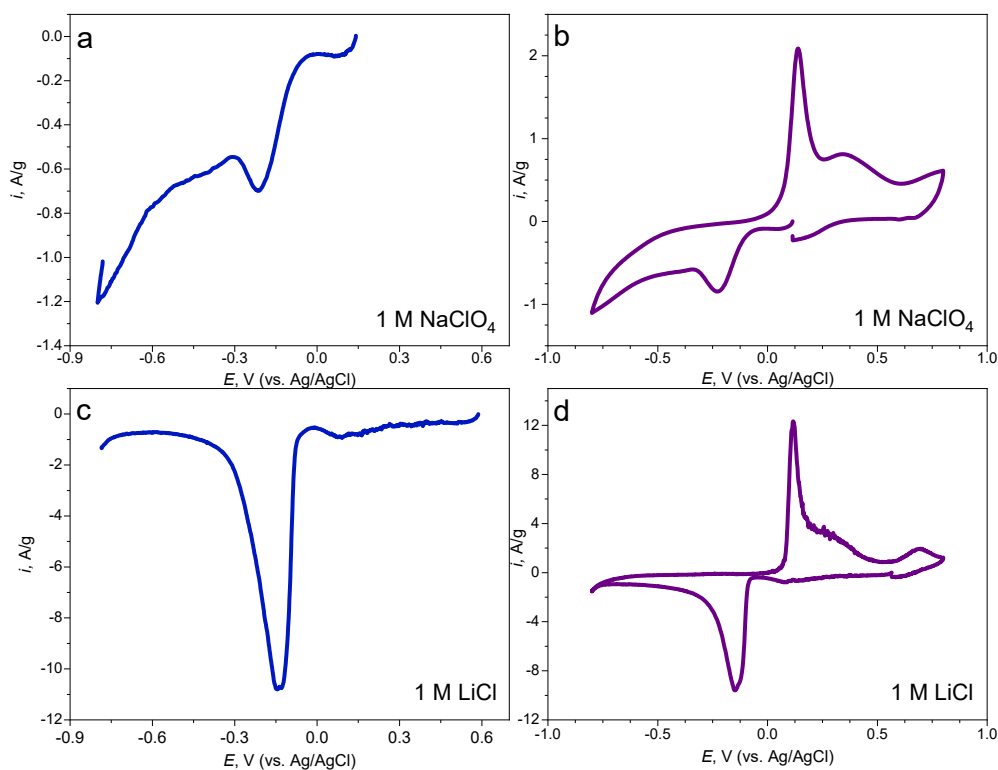


Fig. S1 SEM images of synthesized material at different magnification and EDX mapping conducted with the image at low magnification



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Fig. S2 CV curves of synthesized material for postmortem analysis cycling from OCV at 5 mV/s: a) to -0.75 V (half cycle) in 1M NaClO₄; b) to -0.75 V and back to +0.75 V (full cycle) in 1M NaClO₄; c) to -0.75 V (half cycle) in 1M LiCl; d) to -0.75 V and back to +0.75 V (full cycle) in 1M LiCl

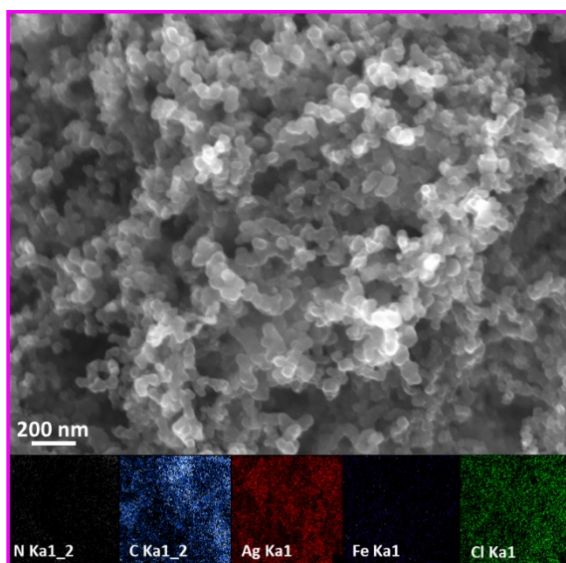


Fig. S3 SEM images of electrode after full CV cycle in 1M LiCl electrolyte and EDX mapping

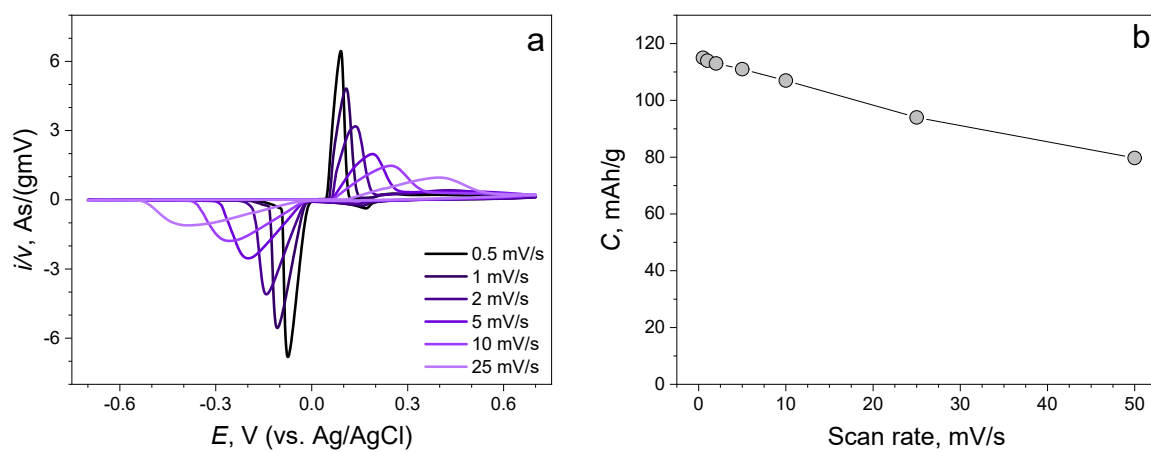


Fig. S4 a) CV curves of synthesized material in 1M LiCl electrolyte at different scan rates; b) capacity scan rate dependence curve.