

Integrating PtCo nanoparticles in graphitic carbon for rechargeable zinc-air batteries

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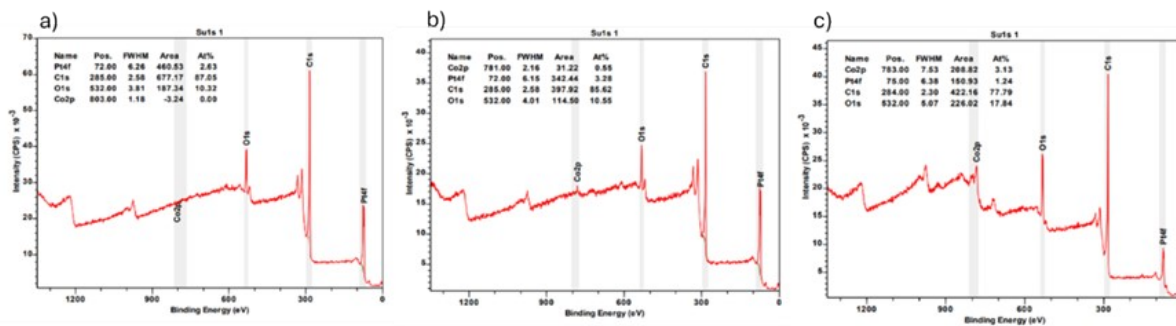


Figure S1 The XPS survey spectra of a) Pt/Kb, b) PtCo/Kb, and c) Pt_{0.5}Co/Kb.

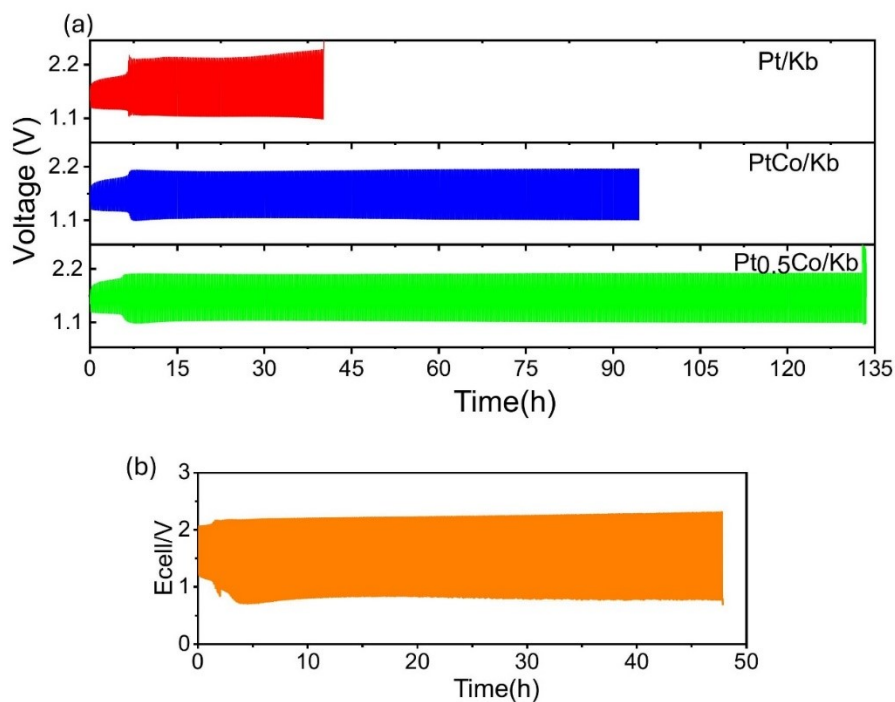


Figure S2 (a) GCD performance at low-current testing of 2 mAcm⁻², 10 min cycles of Pt/Kb, PtCo/Kb, Pt_{0.5}Co/Kb. (b) GCD performance at 10 mAcm⁻² of Pt_{0.5}Co/Kb with 10 minutes each cycle.

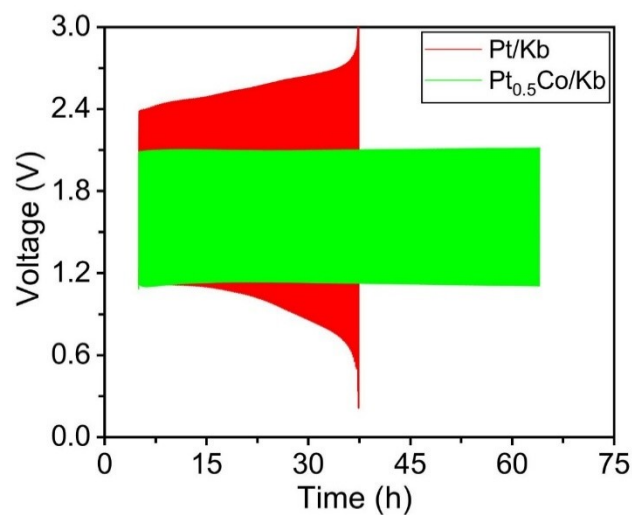


Figure S3 GCD performance after rate capability test at 2 mAcm⁻² and 10-minute cycles each.

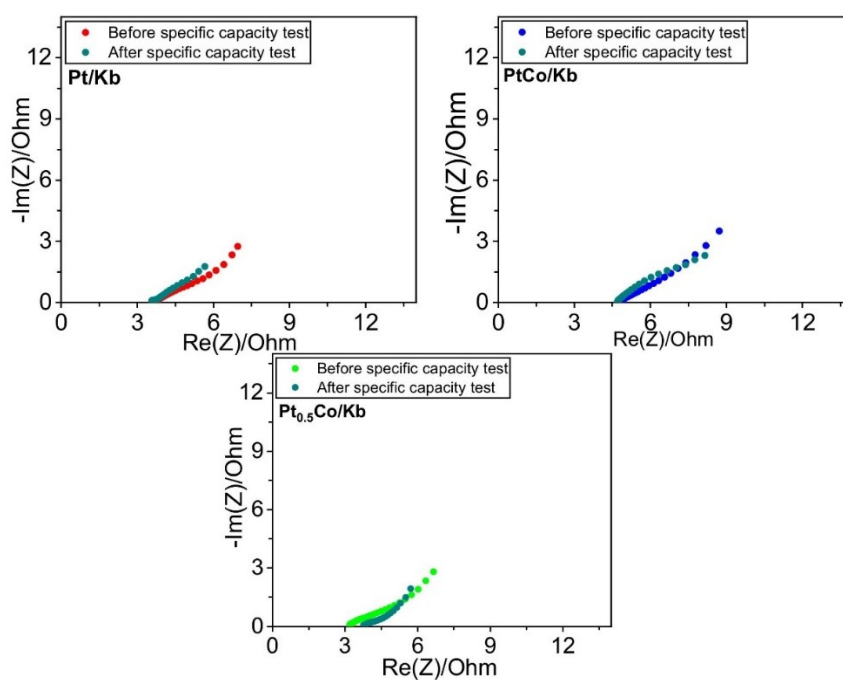


Figure S4 EIS analysis of different catalysts before and after specific capacity tests.

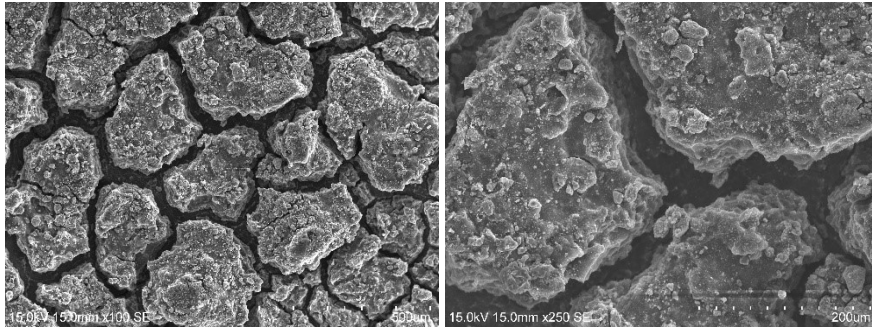


Figure S5 Post-mortem SEM images of cycled $\text{Pt}_{0.5}\text{Co}/\text{Kb}$ cell.