

Electronic Supplementary Material (ESI) for Inorganic Chemistry Frontiers.
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In-situ synthesis of 3D high-Porous NiO film electrode with enhanced performances for supercapacitor

Supporting information

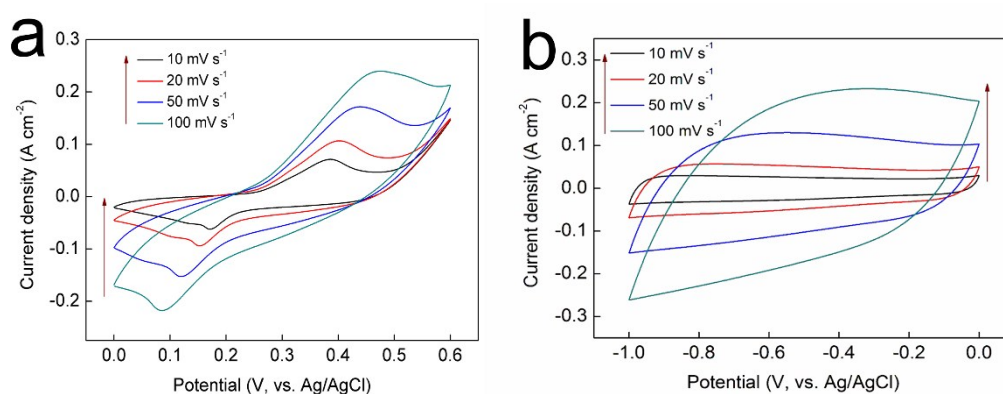


Fig S1. The CV curves of (a) NiO electrode (cathode) and (b) as-fabricated activated carbon (AC, anode) electrode at scan rates of 10, 20, 50 and 100 mV s⁻¹ in 6 M KOH.

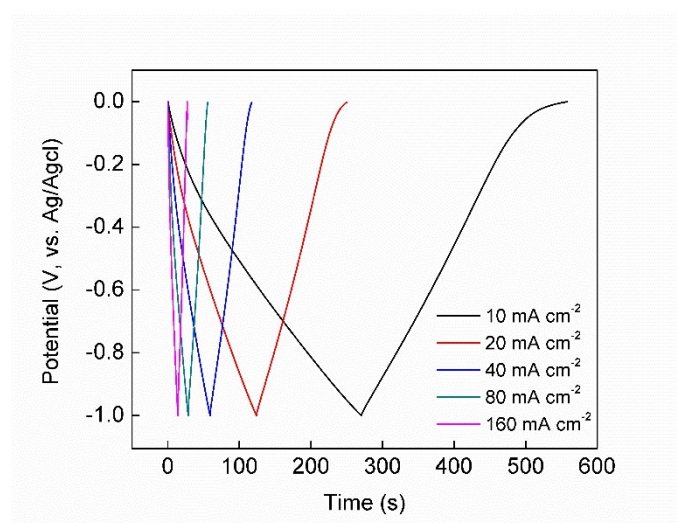


Fig S2. The CD curves of as-fabricated activated carbon (AC) electrode at current density of 10, 20, 40, 80 and 160 mA cm⁻² in 6 M KOH.

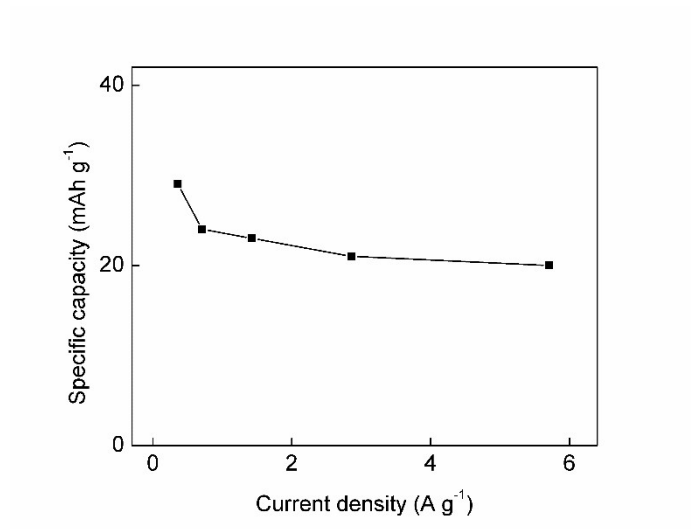


Fig S3. The specific capacity-current density curve of as-fabricated activated carbon (AC) electrode at current density of 0.36, 0.71, 1.43, 2.86 and 5.71 A g⁻¹.