

Electronic Supplementary Information

Nickel Oxide Aerogel for High Performance Supercapacitor Electrode

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Figure S1 Digital photograph of the as-prepared monolithic NiO aerogel.

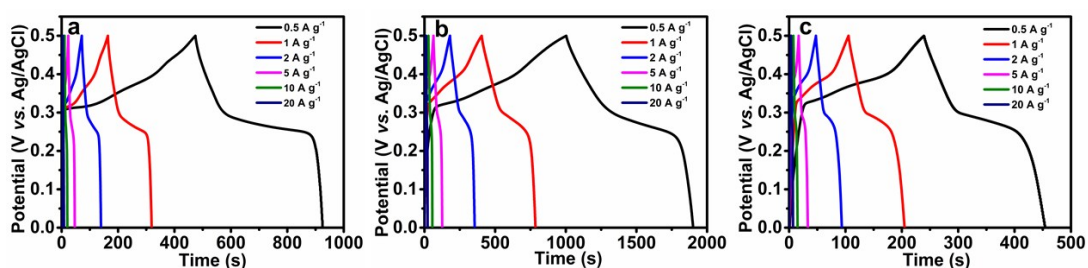


Figure S2 (a), (b) and (c) are the galvanostatic charge/discharge curves of electrodes made of A1, A2 and A3 in 6 M KOH at different current density from 0.5 to 20 A g⁻¹, respectively.

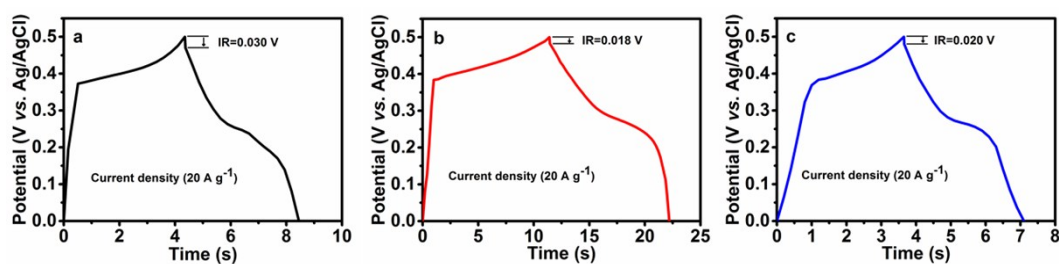


Figure S3 (a), (b) and (c) are the galvanostatic charge/discharge curves of electrodes made of A1, A2 and A3 in 6 M KOH at current density of 20 A g⁻¹, respectively. The IR drop of each electrode was labeled.

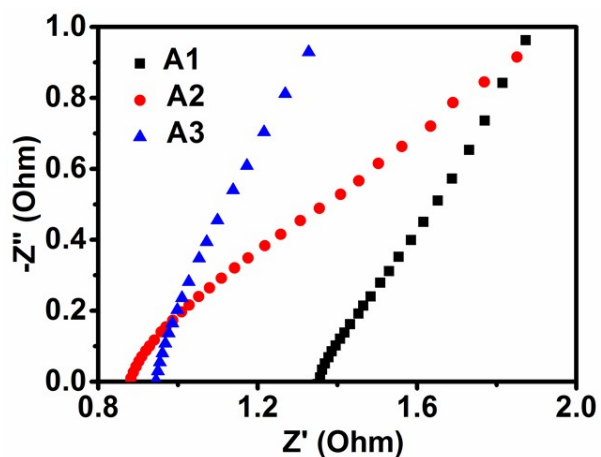


Figure S4 (a), (b) and (c) are EIS spectra of electrodes made of A1, A2 and A3 in 6 M KOH at high frequency range, the equivalent series resistances of electrodes made of A1, A2 and A3 are 1.36, 0.88 and 0.95 Ω , respectively.

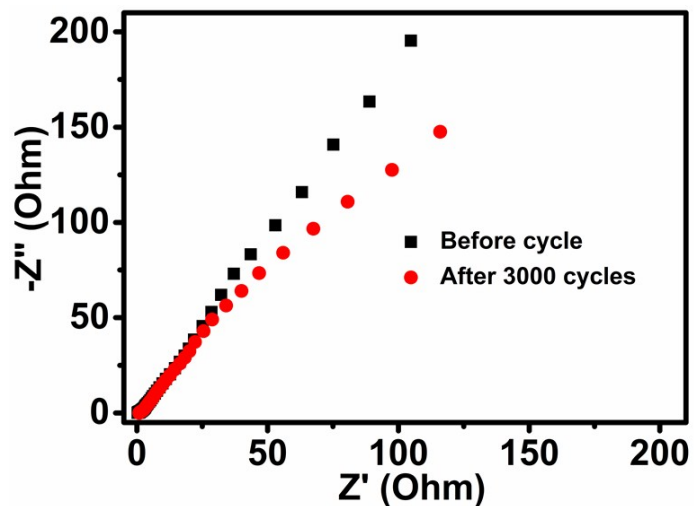


Figure S5 EIS spectra of A2 before and after 3000 cycles of charge-discharge at the current density of 10 A g⁻¹.