

β -NiS 3D micro-flower-based electrode for aqueous asymmetric supercapacitors

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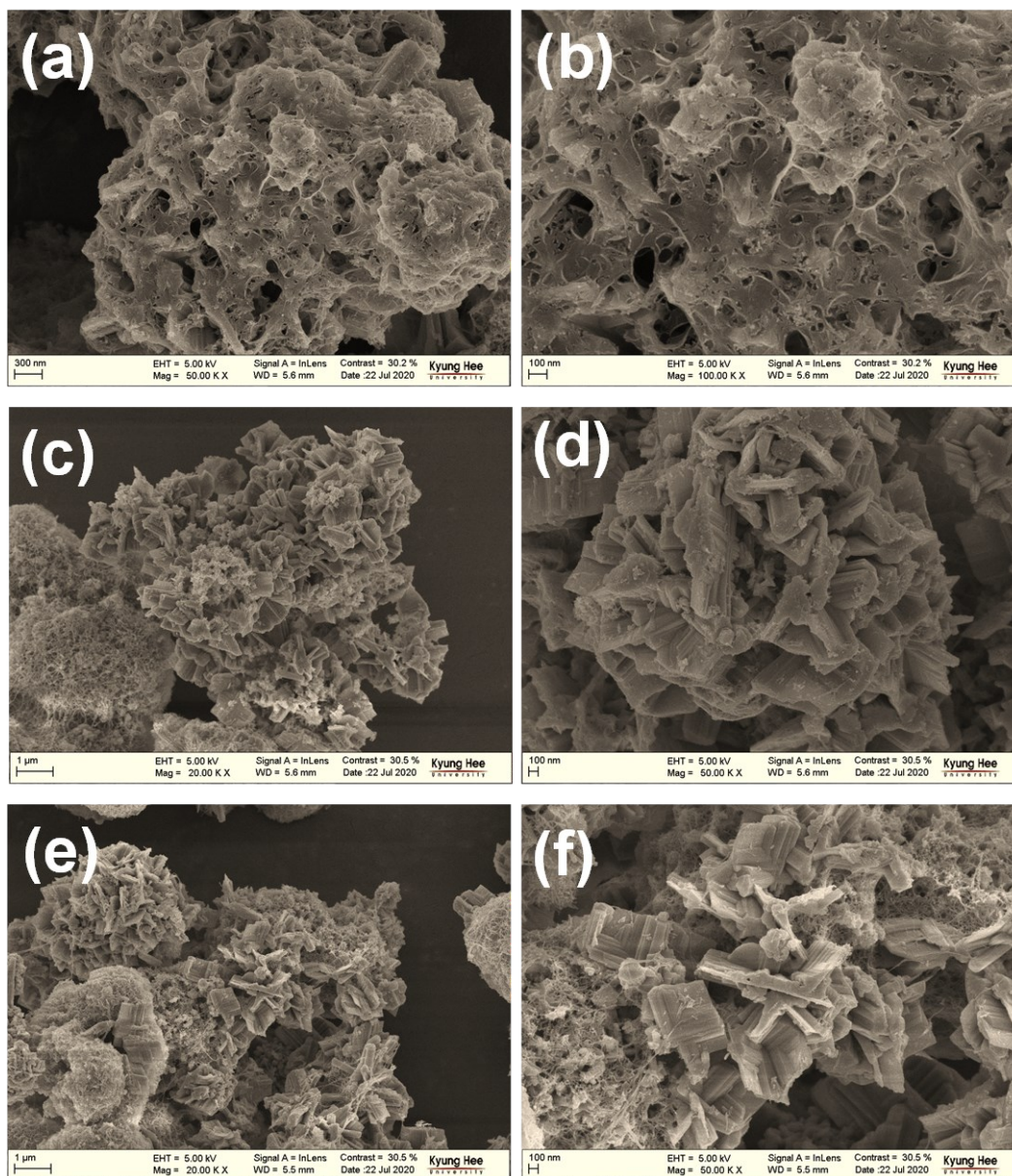


Figure S1. β -NiS products prepared at fixed reaction time (12 h) and various temperature conditions such as (a) & (b) 150 °C, (c) & (d) 160 °C and (e) & (f) 180 °C.

The comparative cyclic voltammetry (CV) curves of pristine Ni foam and NiS@Ni were measured at the 10 mV s^{-1} as displayed in Figure. S2. It could be noted that the current response of Ni foam is too less as compared to NiS@Ni. So, the contribution of Ni substrate in capacitance could be discarded as compared to the values obtained from NiS@Ni.

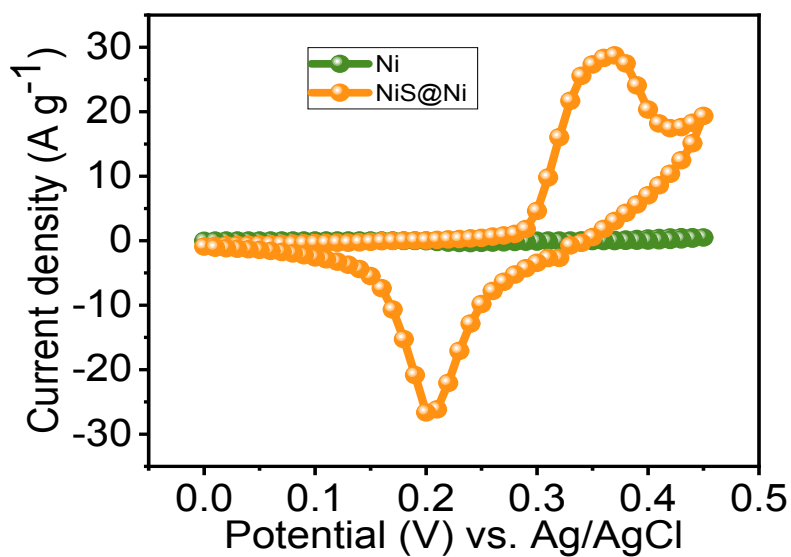


Figure S2. CV comparison of NiS@Ni with Ni foam at the scan rate of 10 mV s^{-1} .