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Nitrogen/sulfur co-doped graphene networks uniformly coupled N-Fe_2O_3 nanoparticles achieving enhanced supercapacitor performance

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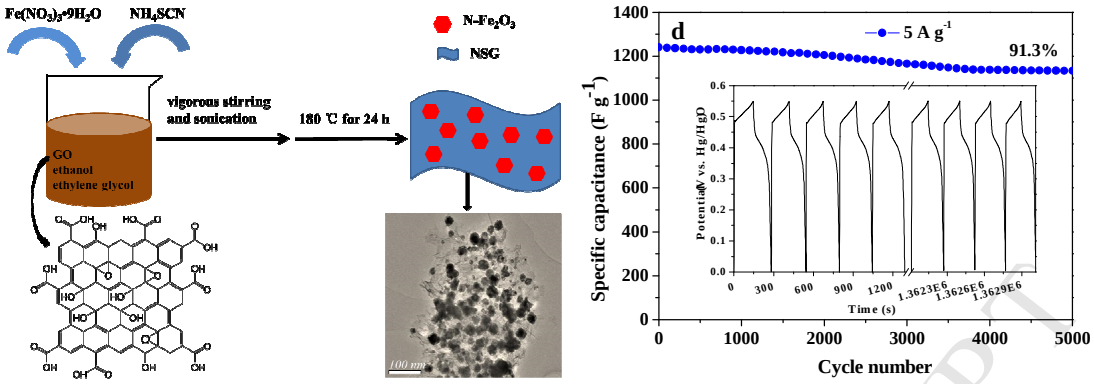

N-Fe_2O_3/NSG composite has been successfully synthesized by an easily one-step hydrothermal method, in which N-Fe_2O_3 particles with 20~30 nm in size uniformly anchored on the surface of NSG sheet, and exhibits excellent charge/discharge stability and long-term cycling life (91.3% of capacitance retention after 5,000 cycles)