**Intercalation and exfoliation syntheses** **of** **high specific surface area graphene and FeC2O4/graphene composite for anode material of lithium ion battery**

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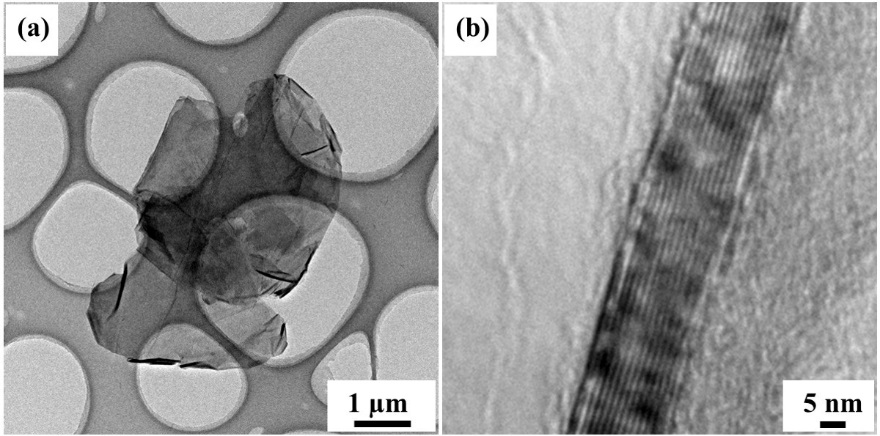


Fig. S1 (a) TEM, and (b) HRTEM of few-layers graphene obtained under the RCTK of 2:1 and water bath temperature of 15 ºC.

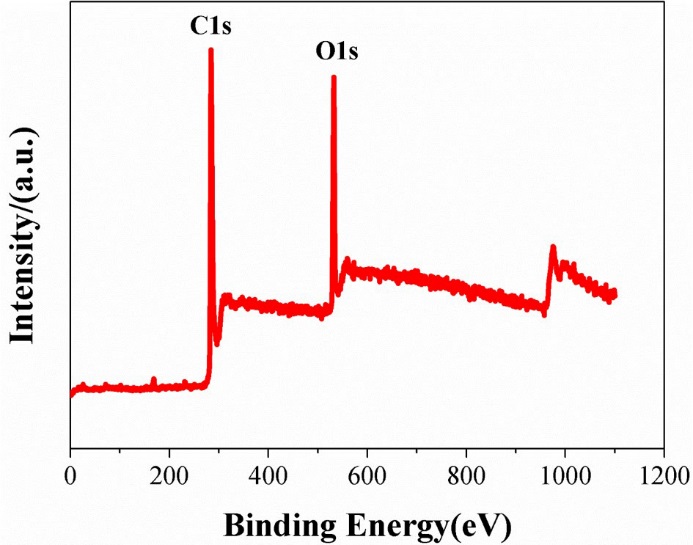


Fig. S2 XPS of graphite expansion composite obtained under the RCTK of 1:1with water bath temperature of 15 º**C**.