

Electronic Supplementary Information (ESI) for New Journal of Chemistry

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## **Microwave Assisted Synthesis $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>/Reduced Graphene Oxide as Anode Materials for High Performance Lithium Ion Batteries**

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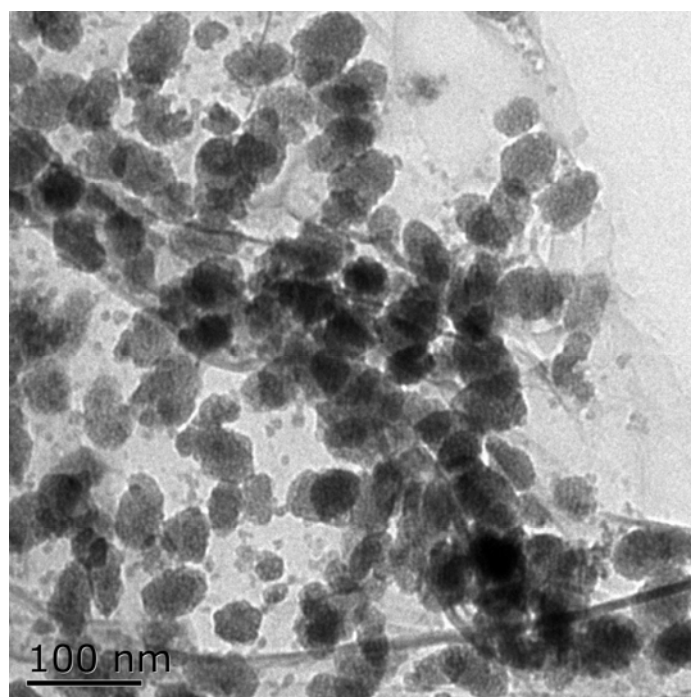


Fig. S1 The TEM image of  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>/RGO nanocomposites after 50 charge-discharge cycles at a current density of 0.5 A·g<sup>-1</sup>.