Electronic Supplementary Material (ESI) for RSC Advances.

Supporting Information

Facile synthesis of iron-based compounds as high performance anode materials for Li-ion batteries

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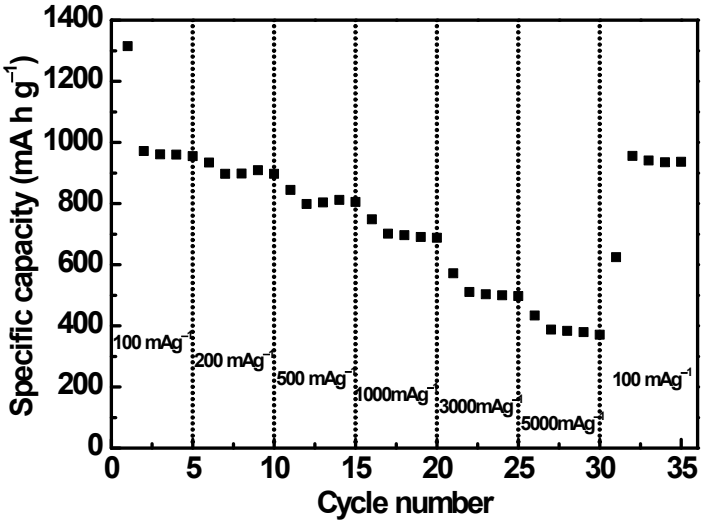

Fig. S1. Rate performance of α-Fe_2O_3-N.

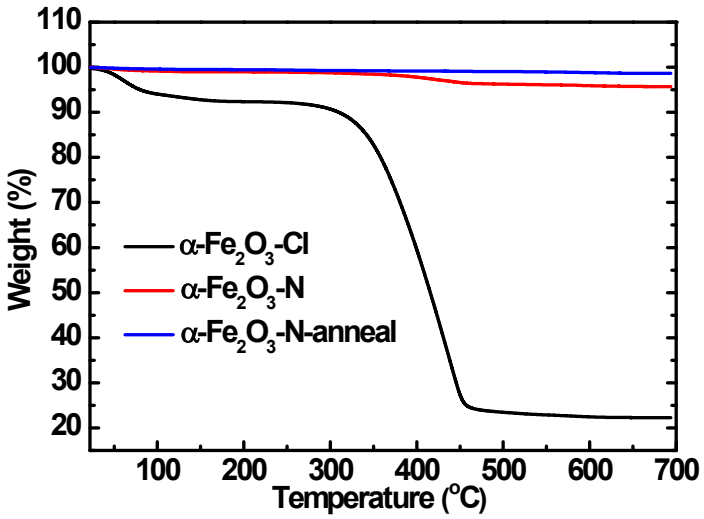

Fig. S2. TG curves of α-Fe_2O_3-Cl, α-Fe_2O_3-N and α-Fe_2O_3-N-anneal.

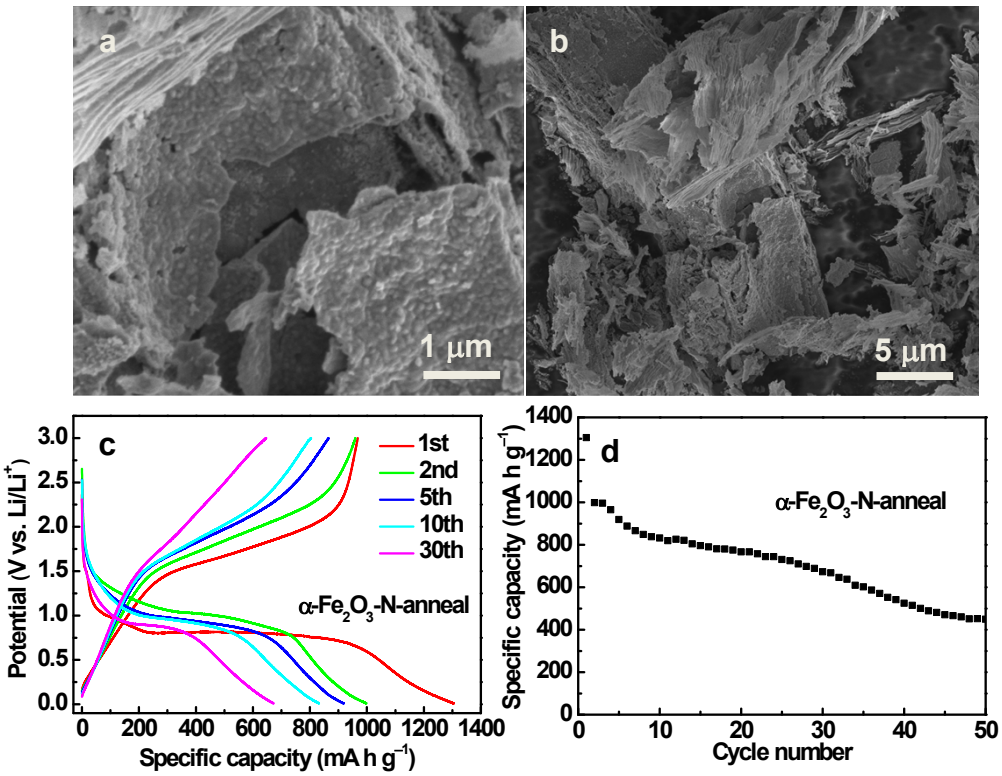

Fig. S3. FESEM images (a, b), charge/discharge voltage profiles (c) and cycling behaviour (d) of α-Fe_2O_3-N-anneal.