

## Ni<sup>2+</sup> ions assisted synthesis of hexagonal $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> nanoplates as anode materials for lithium-ion batteries†

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Table S1 Composition of the Fe<sub>2</sub>O<sub>3</sub> nanoplates obtained with addition of different amount of NiCl<sub>2</sub>.

Sample	Rate of charge (Fe:Sn, mmol)	Fe : Ni
A	2:0.3	1:0.064
B	2:0.6	1:0.143
C	2:1.2	1:0.301

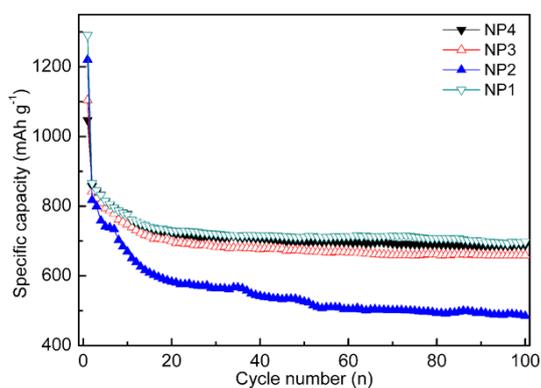


Fig. S1 Cycling performance of the samples obtained with addition of different amount of NiCl<sub>2</sub> at a current density of 100 mA g<sup>-1</sup>.