

## Supporting information

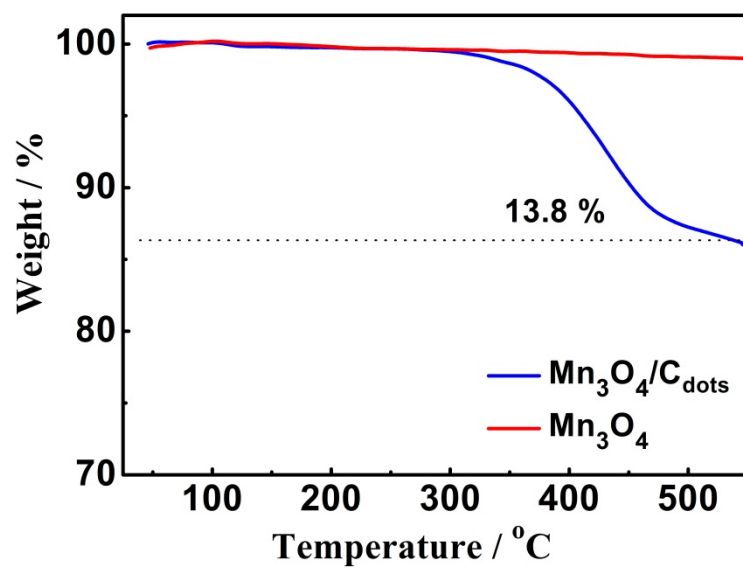
### **Carbon Quantum Dots Coated $\text{Mn}_3\text{O}_4$ with Enhanced Performances for Lithium-ion Batteries**

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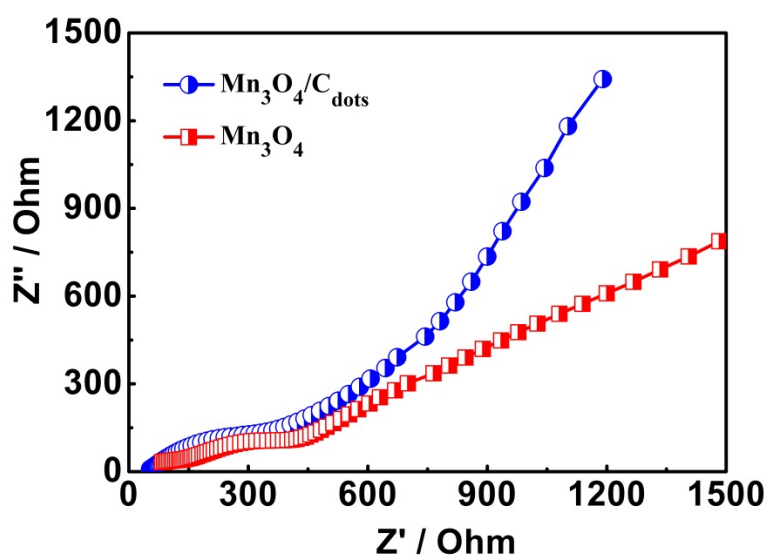
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**Fig. S1** TGA curves of  $\text{Mn}_3\text{O}_4$  and  $\text{Mn}_3\text{O}_4/\text{C}_{\text{dots}}$  samples.



**Fig. S2** EIS curves of  $\text{Mn}_3\text{O}_4$  and  $\text{Mn}_3\text{O}_4/\text{C}_{\text{dots}}$  after 100 charge-discharge cycles.