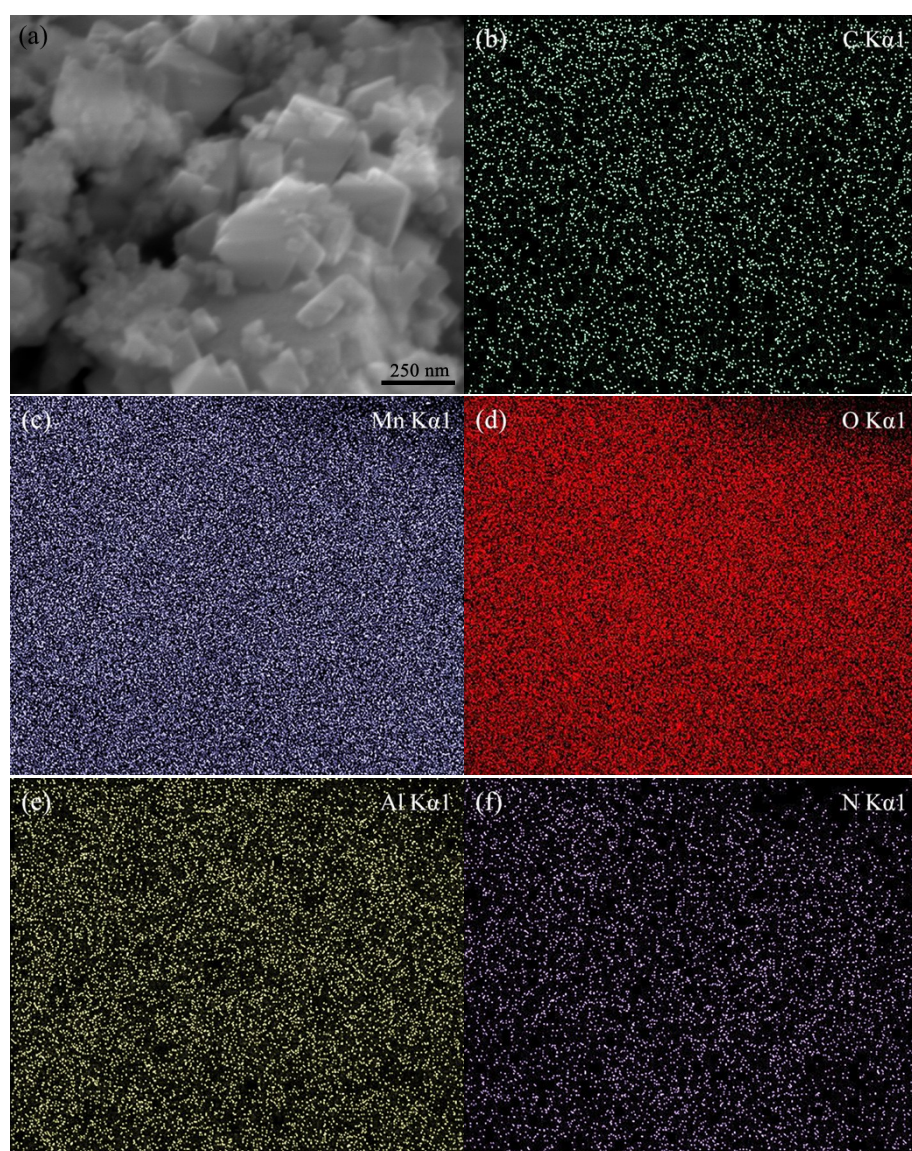


**Al<sub>2</sub>O<sub>3</sub>-modified Ti-Mn-O nanocomposite coated with nitrogen-doped carbon as anode material  
for high power lithium-ion battery**

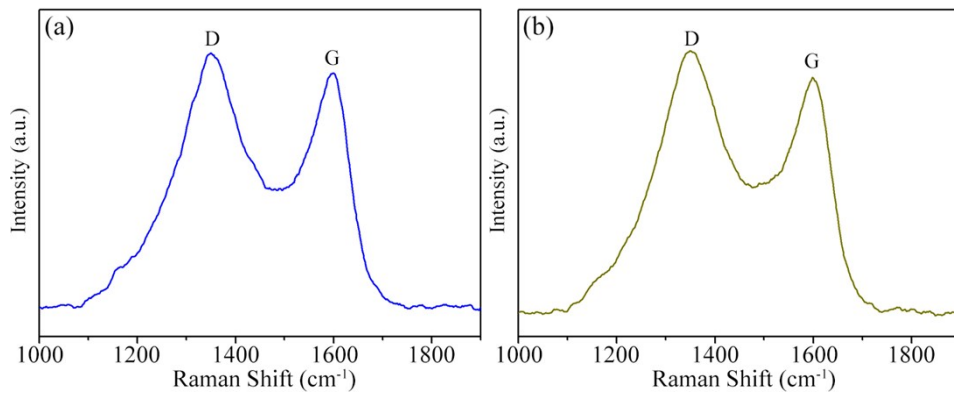
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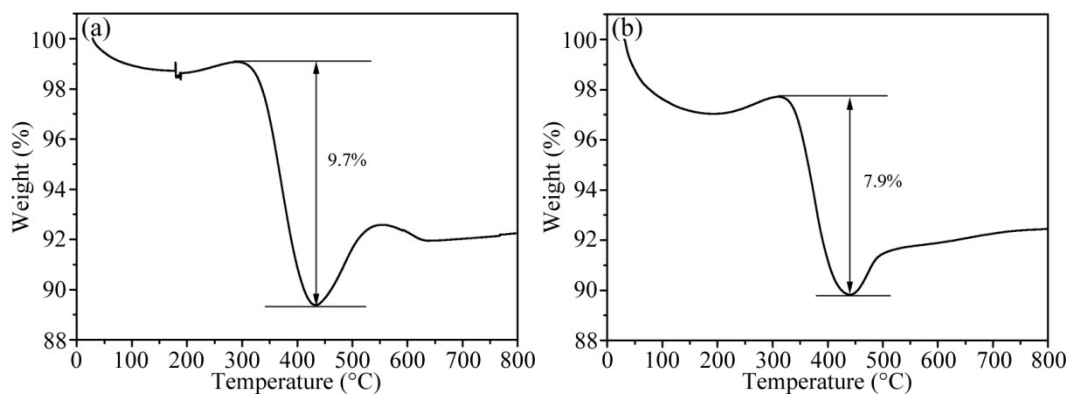
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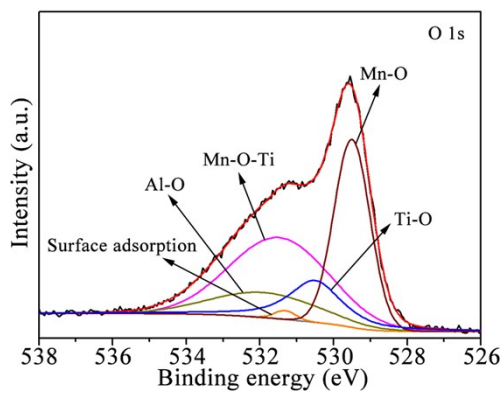
**Fig. A1** FESEM image and the corresponding elemental mappings of S3.



**Fig. A2** Raman spectra of S2 (a) and S3 (b).



**Fig. A3** TG curves of S2 (a) and S3 (b).



**Fig. A4** XPS spectrum of O1s for S1.