

Supporting Information

Structural and electrochemical properties of Mg-doped nickel based cathode materials $\text{LiNi}_{0.6}\text{Co}_{0.2}\text{Mn}_{0.2-x}\text{Mg}_x\text{O}_2$ for lithium ion batteries

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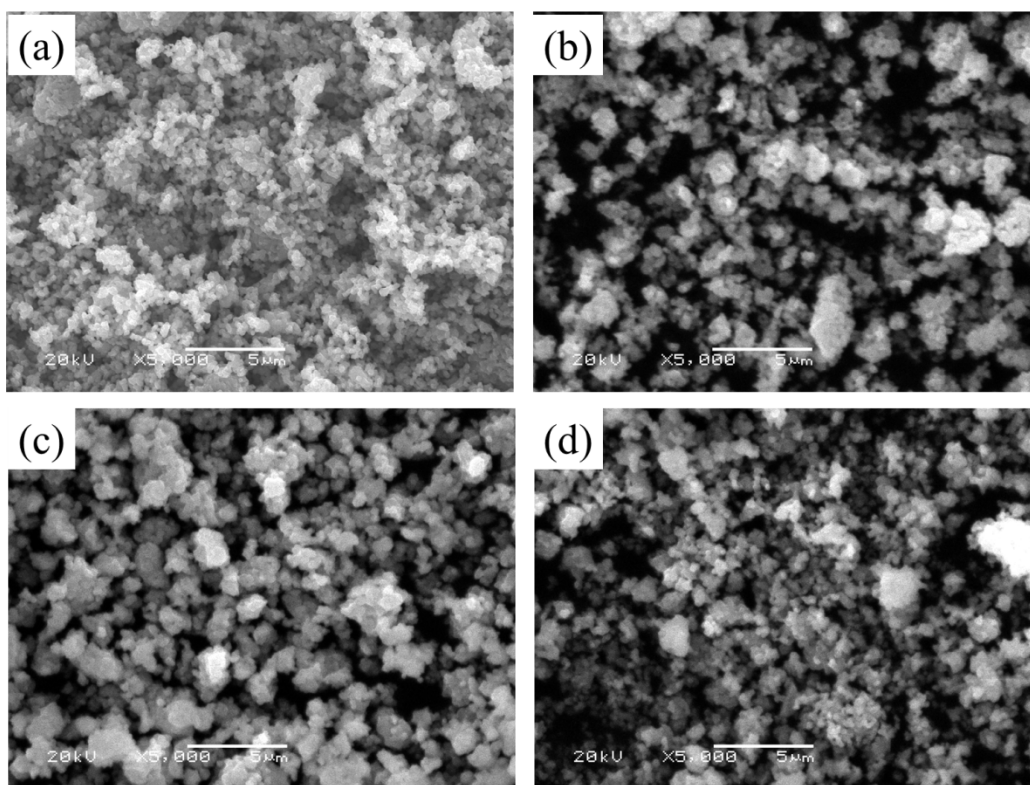


Fig S1. SEM images of the $\text{LiNi}_{0.6}\text{Co}_{0.2}\text{Mn}_{0.2-x}\text{Mg}_x\text{O}_2$ samples: (a) $x = 0$ (b) $x = 0.01$; (c) $x = 0.03$; (d) $x = 0.05$.