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## Enhanced CO capture properties of Li<sub>2</sub>MnO<sub>3</sub> via inducing layered to spinel transition by cation doping with Fe, Co, Ni and Cu

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## **Supplementary information**

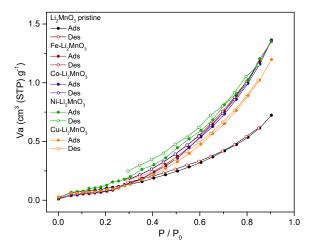


Figure S1. N<sub>2</sub> adsorption-desorption isotherms of the Li<sub>2</sub>MnO<sub>3</sub> pristine sample and solid solution samples.

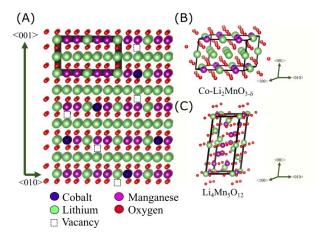


Figure S2. Schematic representations of the Co-doping effect in  $\text{Li}_2\text{MnO}_3$  where the anionic vacancies can be elucidated (A), as well as the crystal structures of  $\text{Co-Li}_2\text{MnO}_3$  (B) and  $\text{Li}_4\text{Mn}_5\text{O}_{12}$  (C).