



Porous nanostructured ZnCo_2O_4 derived from MOF-74:
high-performance anode materials for lithium ion batteries

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Highlights

- Porous ZnCo_2O_4 fabricated via calcination of MOF-74 for the first time.
- ZnCo_2O_4 shows a similar morphology and porous structure as MOF-74 precursor.
- The specific surface area of porous ZnCo_2O_4 is up to $110.16 \text{ m}^2 \text{ g}^{-1}$.
- The porous ZnCo_2O_4 shows high reversible capacity and good stability.
- High electrochemical performance due to the synergistic effect and porous structure.

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