

Supporting Information

Nickel and Cobalt Bimetal Organic Framework with High Capacity as
an Anode Material for Lithium-ion Batteries

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Table S1. Comparison between the reported MOFs as anode materials for LIBs.

| Materials | Current Density (mA g ⁻¹) | Cycle Number | Specific Capacity (mA h g ⁻¹) | Ref. |
|---------------------------------------|---------------------------------------|--------------|---|-----------|
| Co ₂ (OH) ₂ BDC | 50 | 100 | 650 | S1 |
| Co-BTC | 100 | 60 | 700 | S2 |
| CoZn-ZIF | 100 | 100 | 605.8 | S3 |
| Cu-BTC | 96 | 50 | 500 | S4 |
| Fe(Zn)-BDC@300 | 100 | 120 | 863.4 | S5 |
| LiNi-NTC | 100 | 80 | 475 | S6 |
| Mn-BTC | 103 | 100 | 964 | S7 |
| Zn ₃ (HCOO) ₆ | 60 | 60 | 560 | S8 |
| Ni-BHC | 100 | 50 | 1261.3 | S9 |
| Ni-Co-BTC | 200 | 80 | 1242 | This work |

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