**Supporting information**

**ZIF-67-derived CoSe/NC composites as anode materials for lithium-ion batteries**

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**Figure S1**. SEM image of as-synthesized ZIF-67.



**Figure S2**. C 1s spectrum of CoSe/NC.

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**Figure S3**. The EDS spectrum of CoSe/NC.

**Table S1.** Percentages of elements in CoSe/NC.

|  |  |
| --- | --- |
| elements | wt% |
| C | 18.46 |
| N | 0.27 |
| O | 2.77 |
| Co | 33.96 |
| Se | 44.54 |



**Figure S4**. CV curves of pure CoSe at 0.2 mV s-1.