Supporting Information

In-situ conversion of ZnO/$Ni_3ZnC_{0.7}$/CNT Nanocomposite from NiZn bimetallic MOF precursor with enhanced Electromagnetic Absorbing Property

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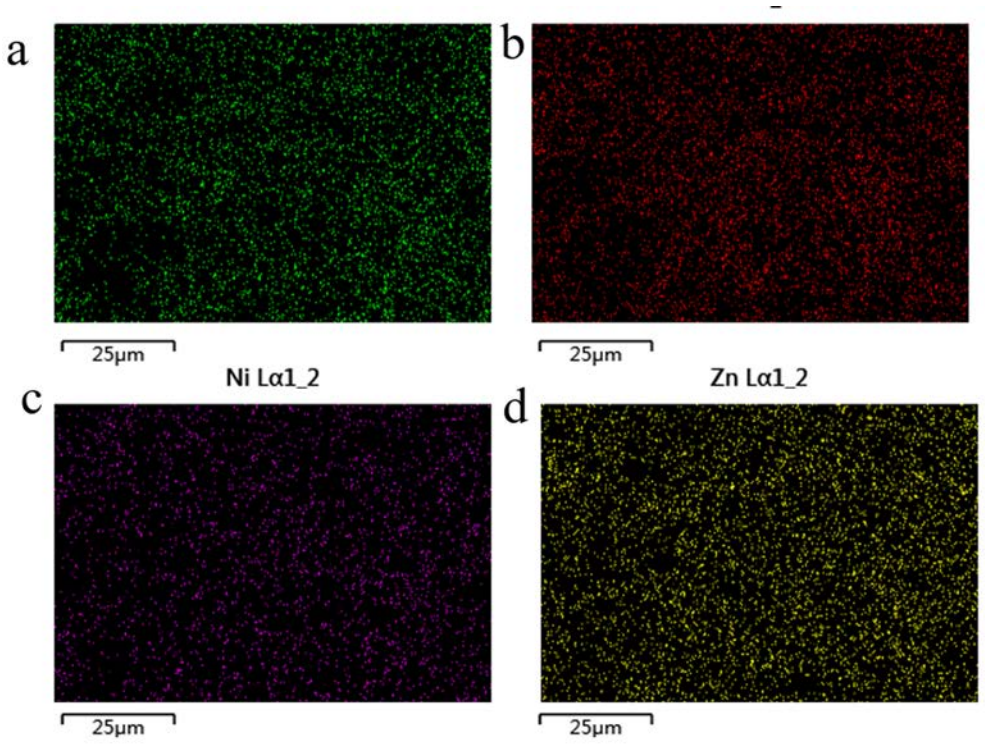

Figure S1. (**a–d**) elemental mapping images of 5% CNT nanocomposite.

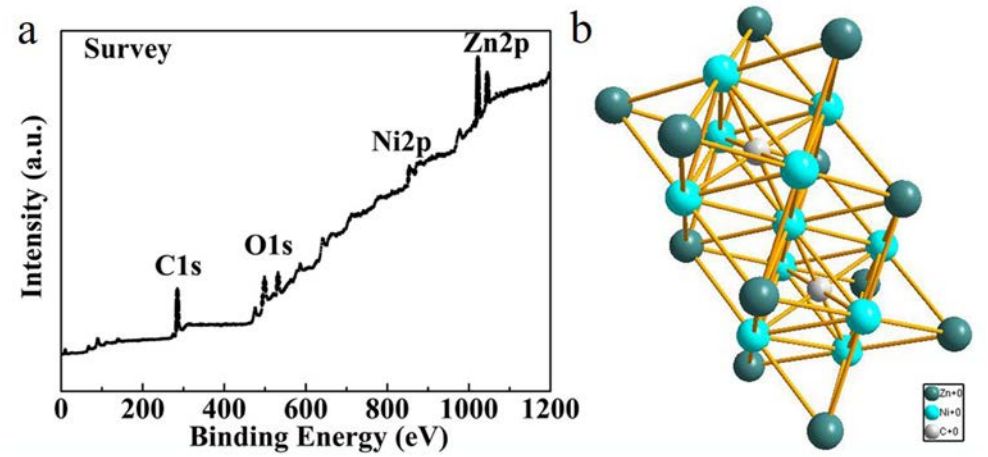

Figure S2. (**a**) XPS survey of the 5% CNT nanocomposite; (**b**) the crystal structure of $Ni_3ZnC_{0.7}$ particles.

Figure S3. The picture of the atmosphere protection tube furnace in the experimental process.

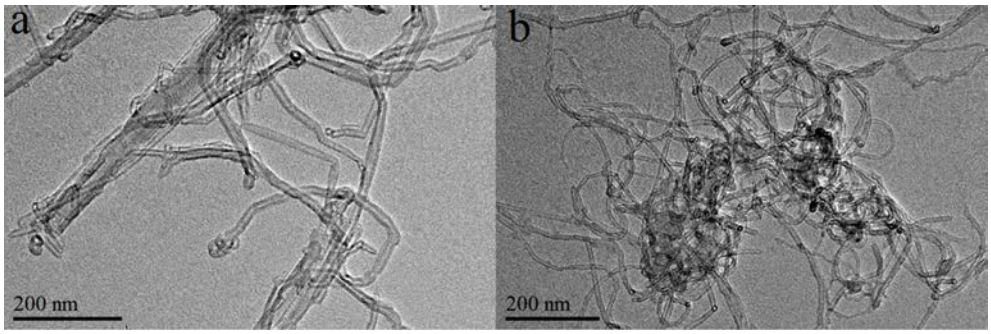

Figure S4. (**a**) TEM image of raw MWCNT; (**b**) TEM image of MWCNT after acid processing.

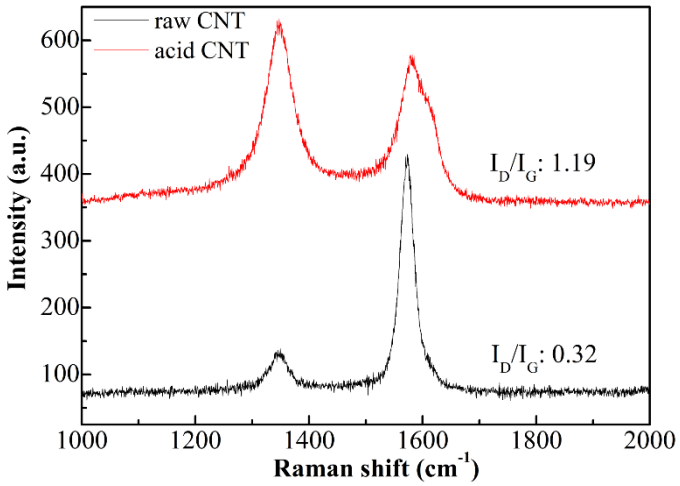

Figure S5. Raman spectra of raw MWCNT and acid treatment MWCNT.

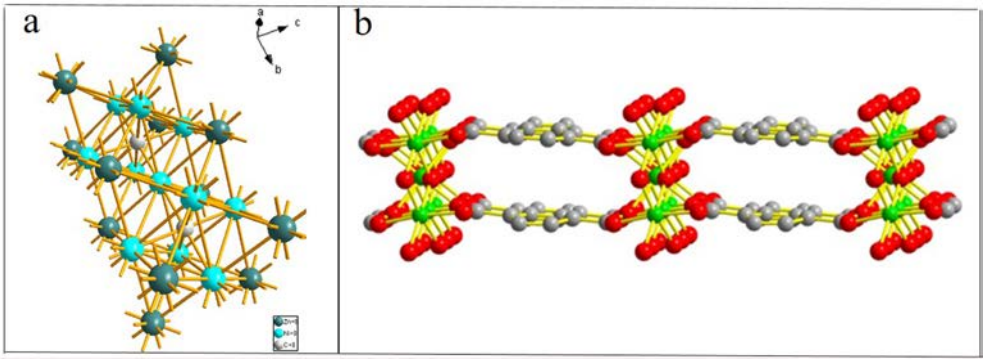

Figure S6. (**a**) The chemical structure of $Ni_3ZnC_{0.7}$; (**b**) The MOF structure of 638866.

Table S1. EDS results of the composites.

Sample	C (at.%)	O (at.%)	Ni (at.%)	Zn (at.%)
0% CNT	45.09	10.59	20.29	24.03
2% CNT	39.87	13.42	21.14	25.56
5% CNT	37.95	9.81	21.35	30.90
10% CNT	36.90	9.55	22.19	31.36