

## Hollow MOF-Derived CoNi/C Composites as Effective Electromagnetic Absorbers in the X-band and Ku-band

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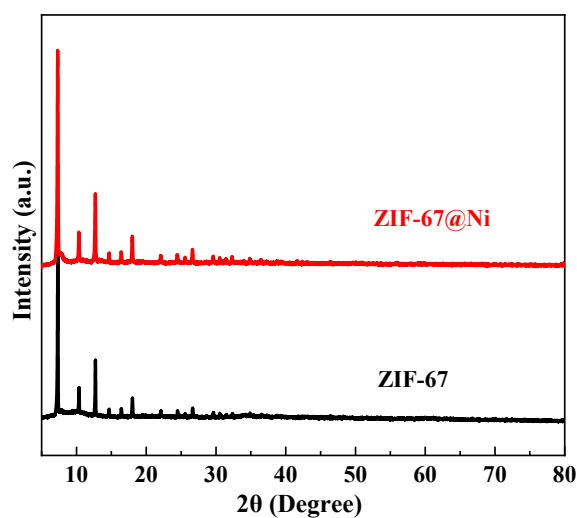


Figure S1. XRD patterns of ZIF-67 and ZIF-67@Ni.

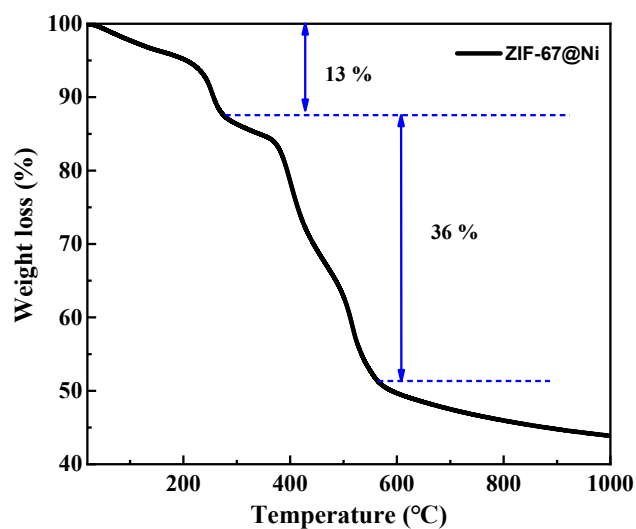


Figure S2. TGA curve of ZIF-67@Ni in a N<sub>2</sub> atmosphere.

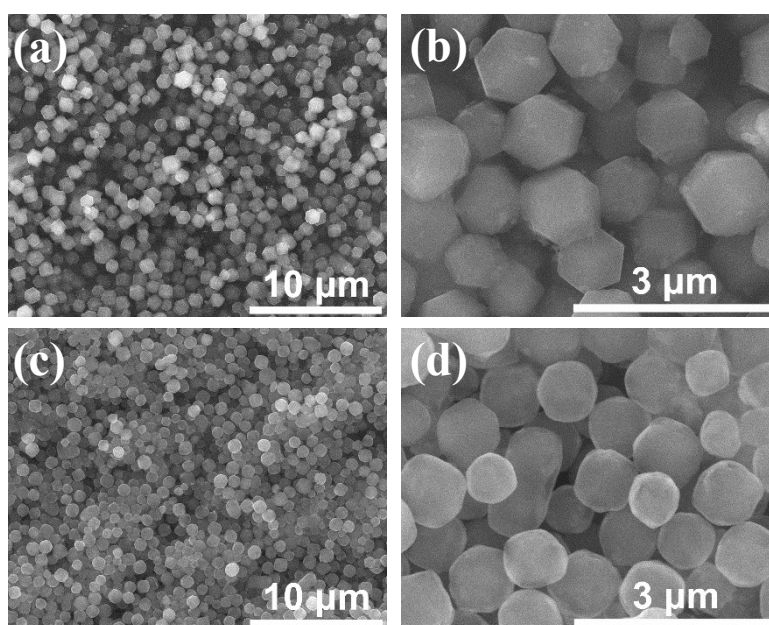


Figure S3. SEM images of (a, b) ZIF-67 and (c, d) ZIF-67@Ni.

Table S1. Specific surface area and total pore volume of ZIF-67@Ni and CoNi-700.

Sample	$S_{\text{BET}}$ (m <sup>2</sup> g <sup>-1</sup> )	$S_{\text{DFT}}$ (m <sup>2</sup> g <sup>-1</sup> )	$V_{\text{pore}}$ (cm <sup>3</sup> g <sup>-1</sup> )
ZIF-67@Ni	1289.83	1070.57	0.543
CoNi-700	135.05	108.80	0.137

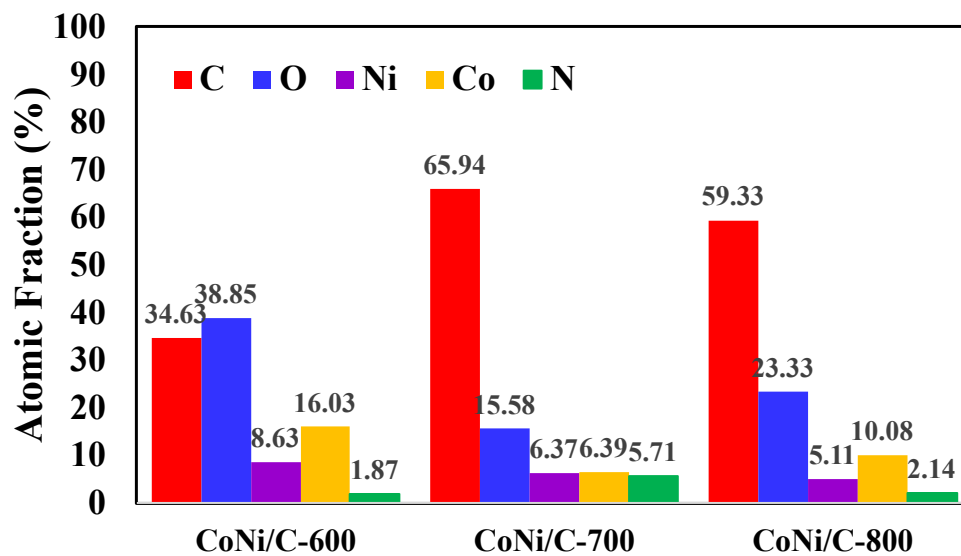


Figure S4. The XPS histogram of product composition in different pyrolysis temperatures.

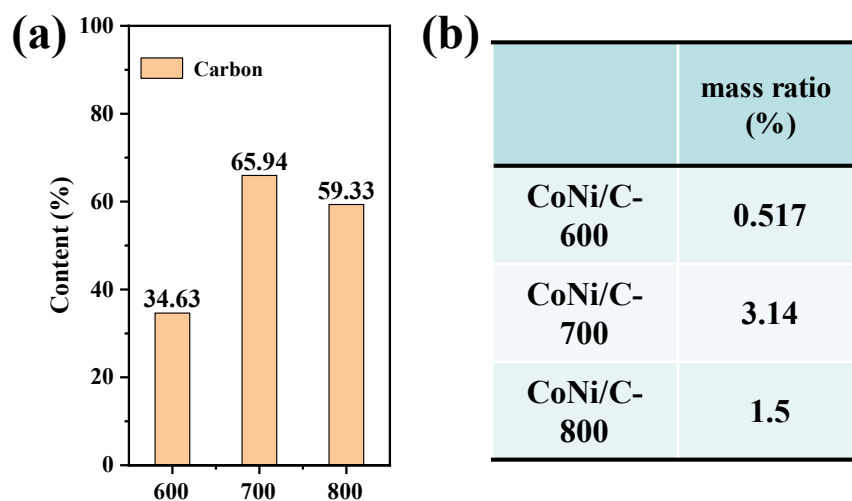


Figure S5. Carbon content was determined by XPS (a) and carbon sulfur analyzer (b).