

Supporting information

Controlled synthesis of $\text{Ni}_{0.25}\text{Co}_{0.75}(\text{OH})_2$ nanoplates and their electrochemical properties *

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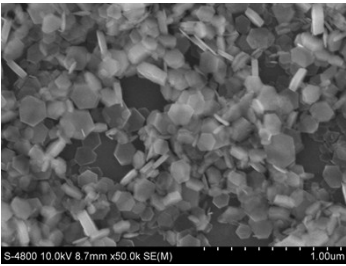
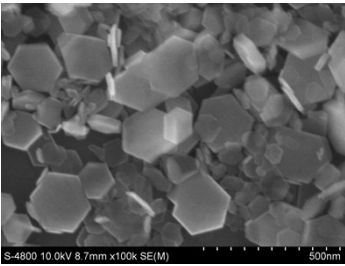
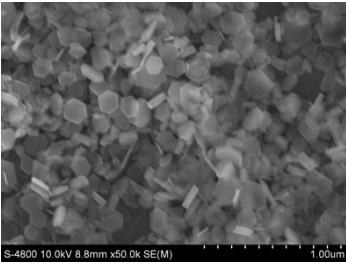
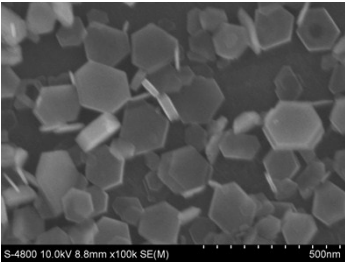
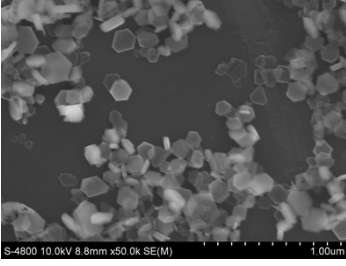
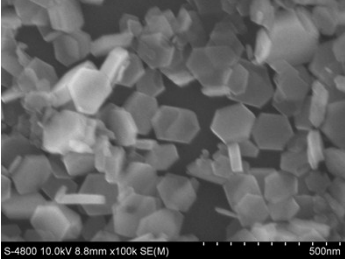
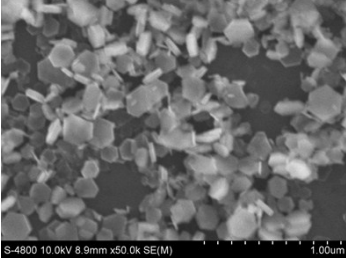
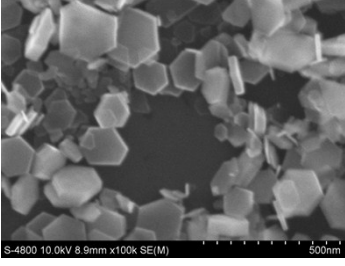
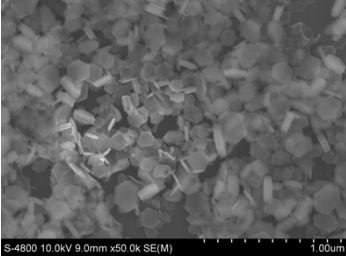
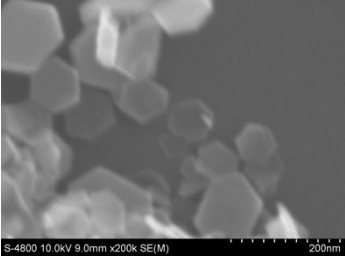
CTAB concentration (mM)	Average diameter (nm)	Image
10	183.2	 
5	171.5	 
1	156	 
0.5	152.6	 
0.1	115.19	 

Table S1. The various concentration of the CTAB in synthesis and its corresponding SEM images and average diameters.

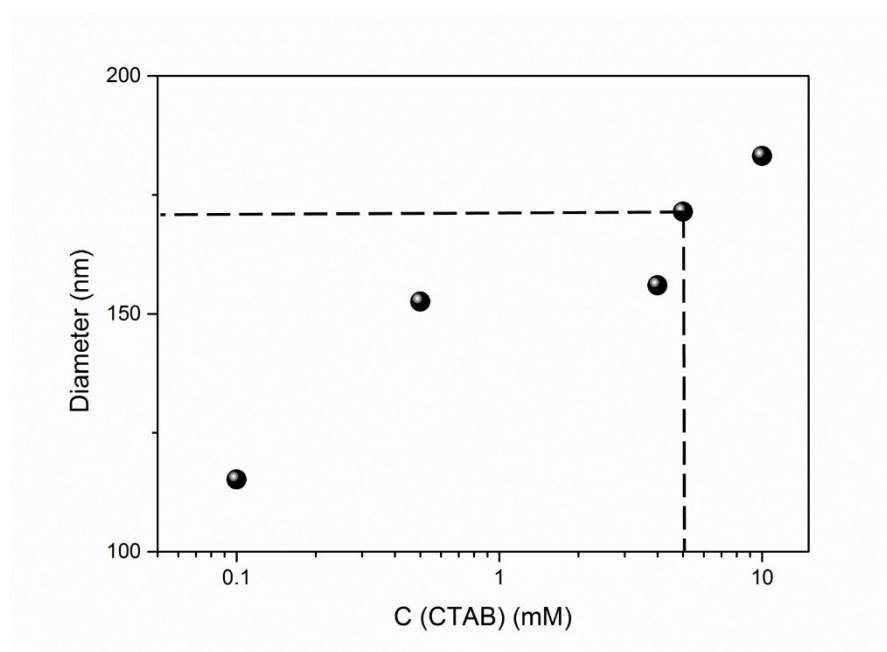


Figure S1 Variation of the diameters of the hexagonal nanoplate against the concentration of CTAB.

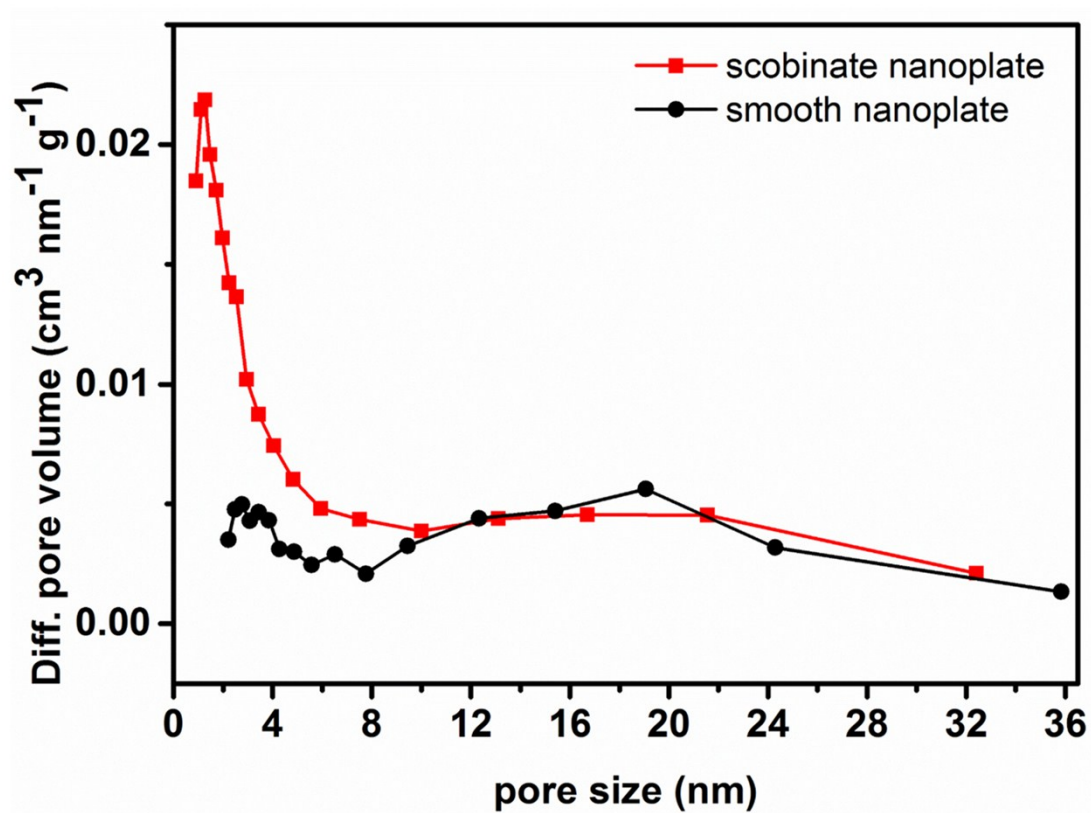


Figure S2. The pore size distribution of the two kinds of $\text{Ni}_{0.25}\text{Co}_{0.75}(\text{OH})_2$ nanoplates.