

Supporting information

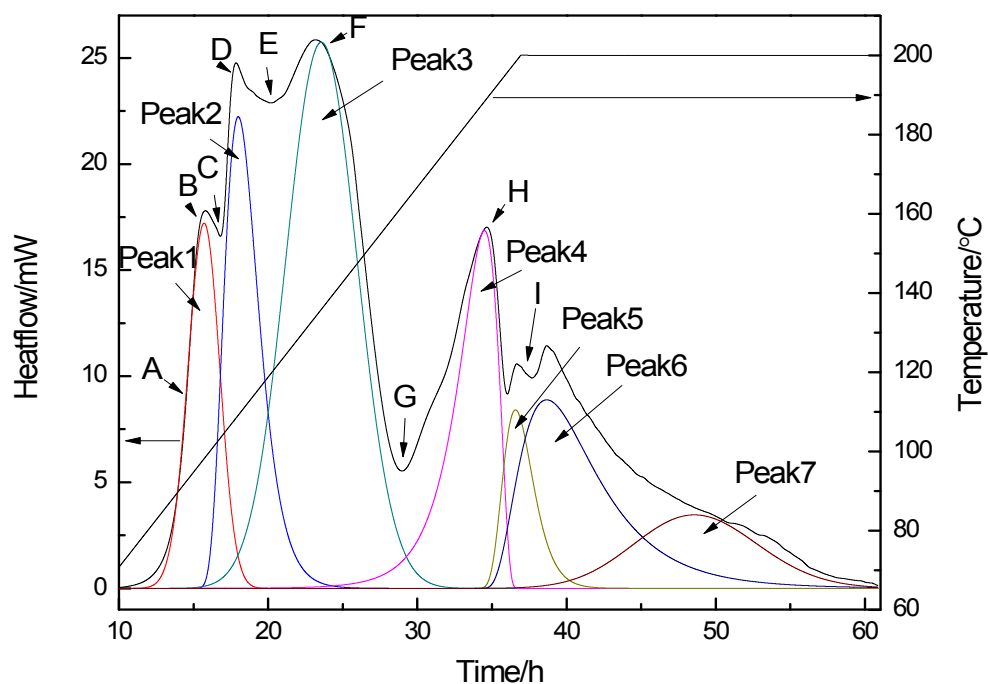


Figure S1. Analysis of the calorimeter curve by *AKTS*.

Based on the analysis, 7 peaks can be found, and enthalpies corresponding to these peaks were calculated as listed in Table 1.

Table 1. Reaction enthalpy corresponding to each peak (J)

Peak 1	Peak 2	Peak 3	Peak 4	Peak 5	Peak 6	Peak 7
165.3	240.0	551.5	221.1	79.16	231.9	128.0

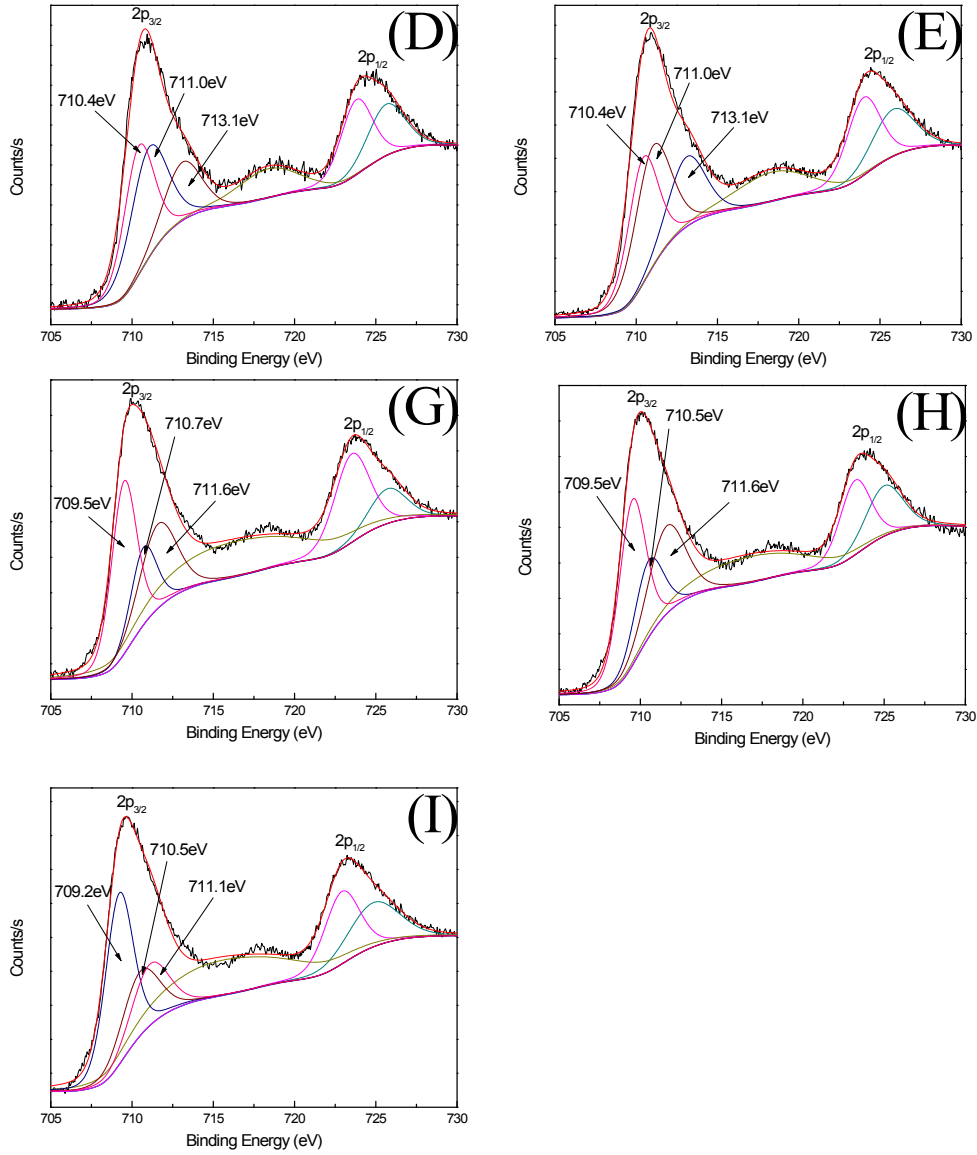


Figure S2. Fe $2p_{3/2}$ and Fe $2p_{1/2}$ XPS spectra for the samples *D*, *E*, *G*, *H*, and *I*.

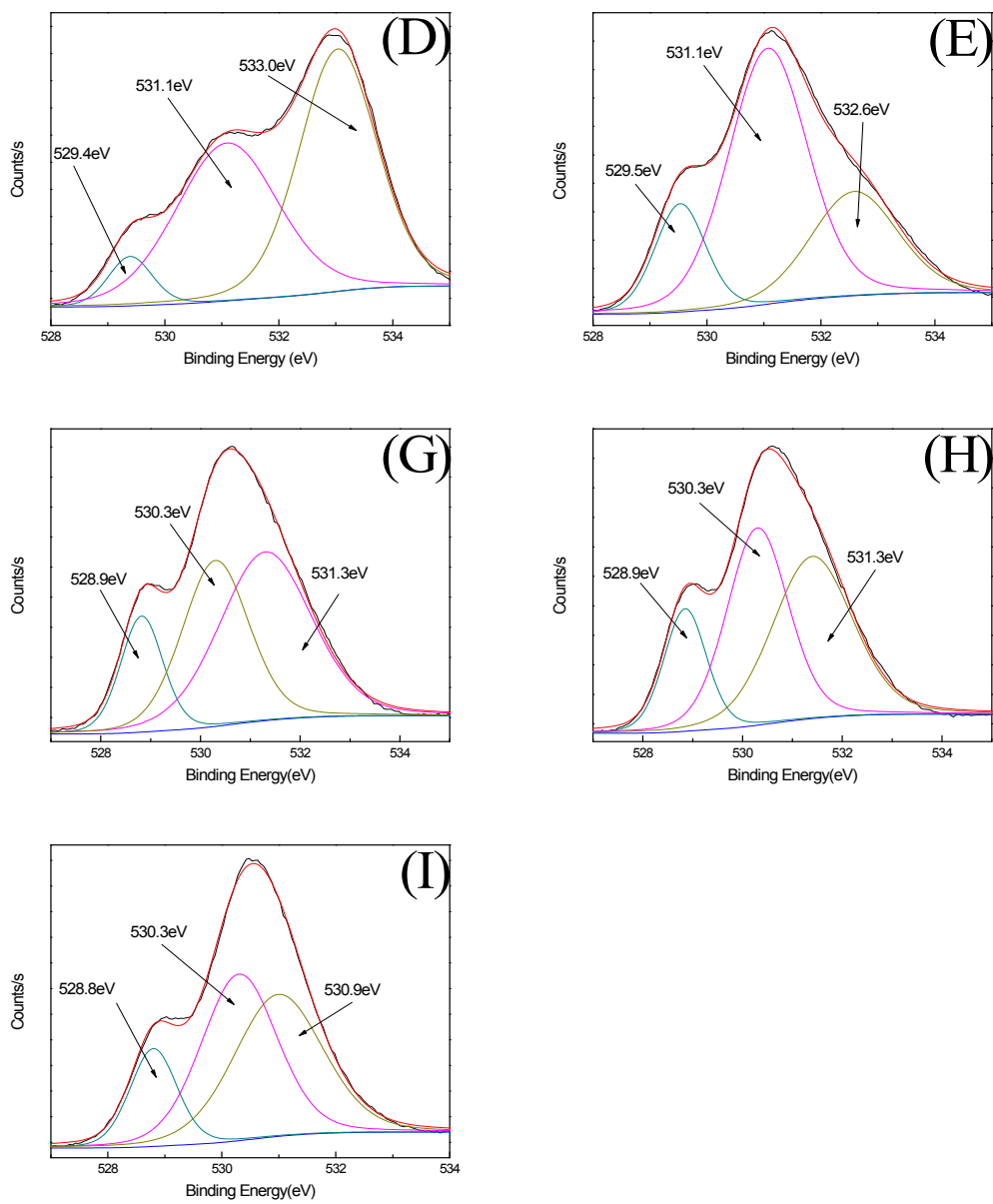


Figure S3. O1s XPS spectra of the samples *D*, *E*, *G*, *H*, and *I*.

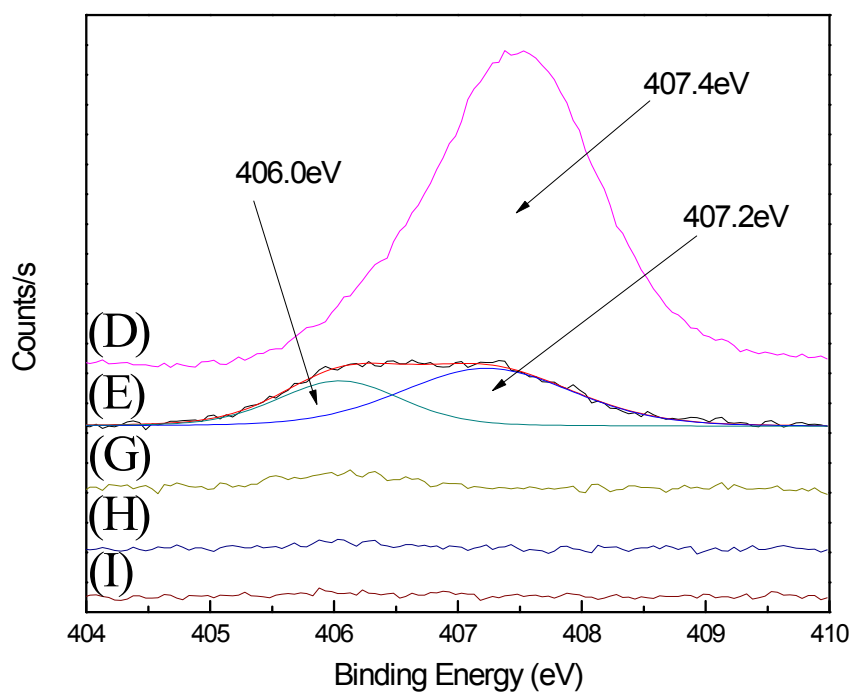


Figure S4. N1s XPS spectra for the samples *D*, *E*, *G*, *H*, and *I*.

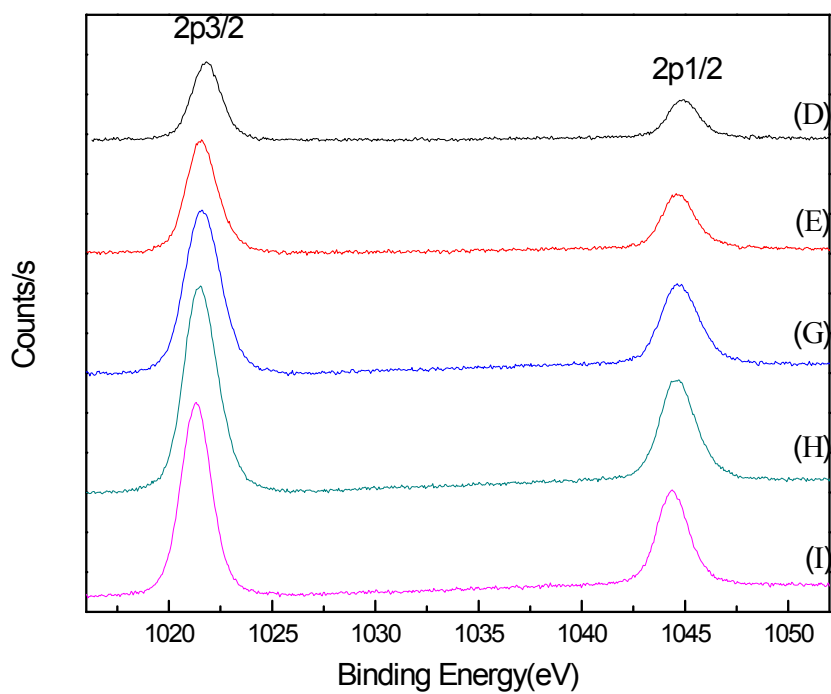


Figure S5. Zn 2p_{3/2} and Zn 2p_{1/2} XPS spectra for the samples *D*, *E*, *G*, *H*, and *I*.