Electronic Supplementary Material (ESI) for Inorganic Chemistry Frontiers.

Electronic Supplementary Information (ESI)

For

$Zn_xCo_{3-x}O_4$ bimetallic oxides derived from metal organic frameworks for enhanced acetone sensing performances

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Figure S1

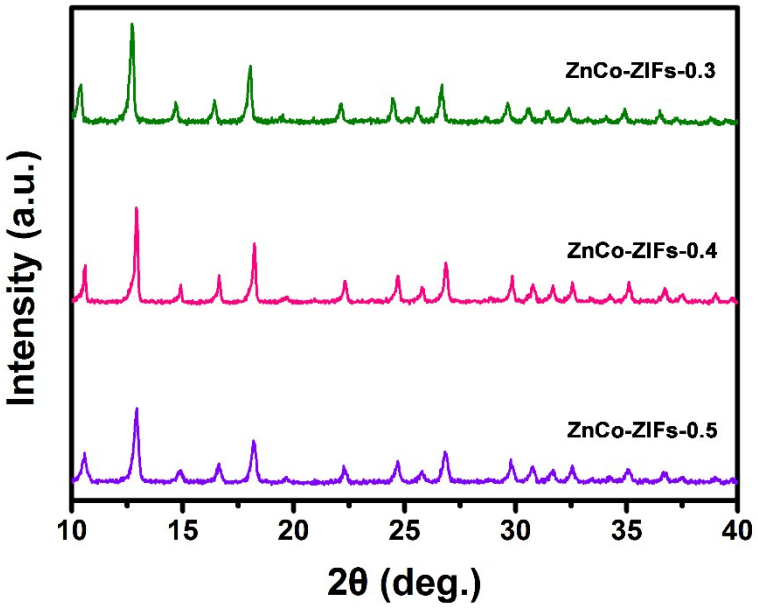

Figure S1. XRD pattern of ZnCo-ZIFs.

Figure S2

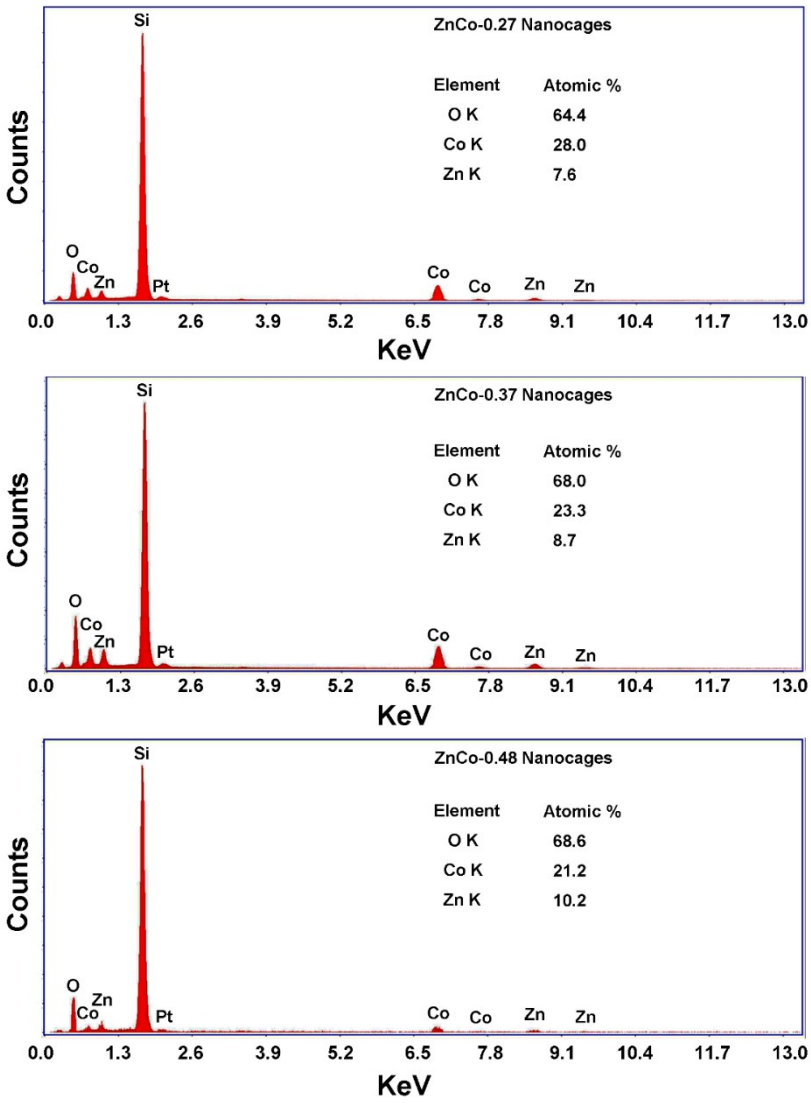

Figure S2. EDS spectrum of ZnCo-0.27 nanocages, ZnCo-0.37 nanocages and ZnCo-0.48 nanocages.

Figure S3

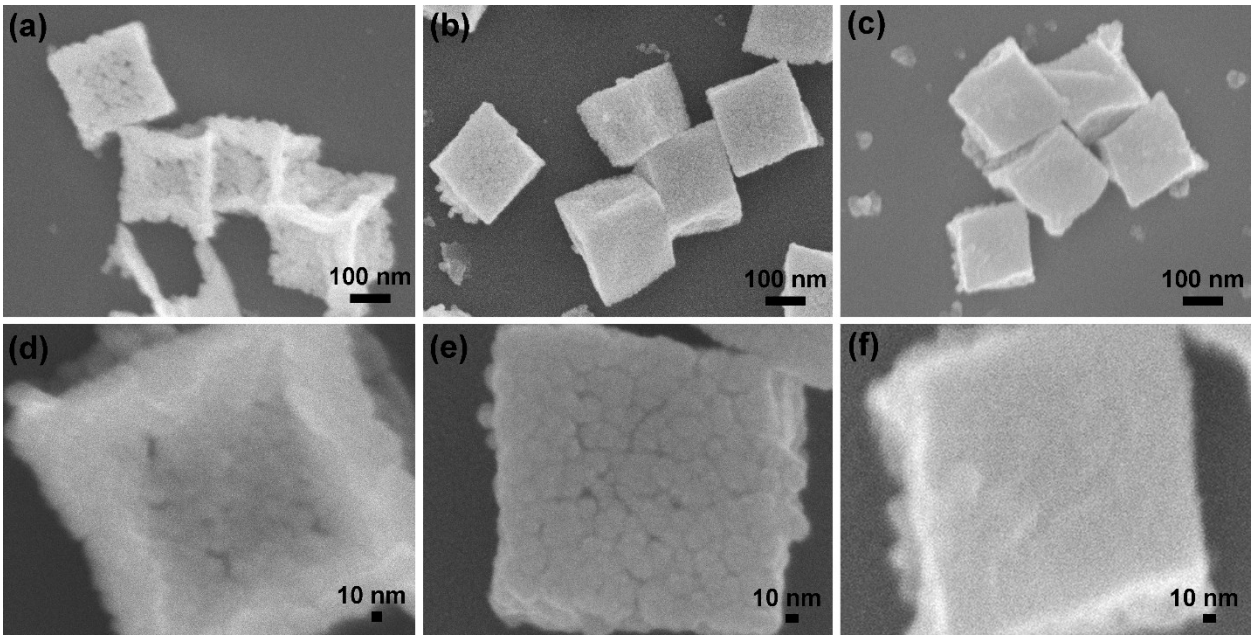

Figure S3. FESEM image of ZnCo-0.27 nanocages, ZnCo-0.37 nanocages and ZnCo-0.48 nanocages.

Figure S4

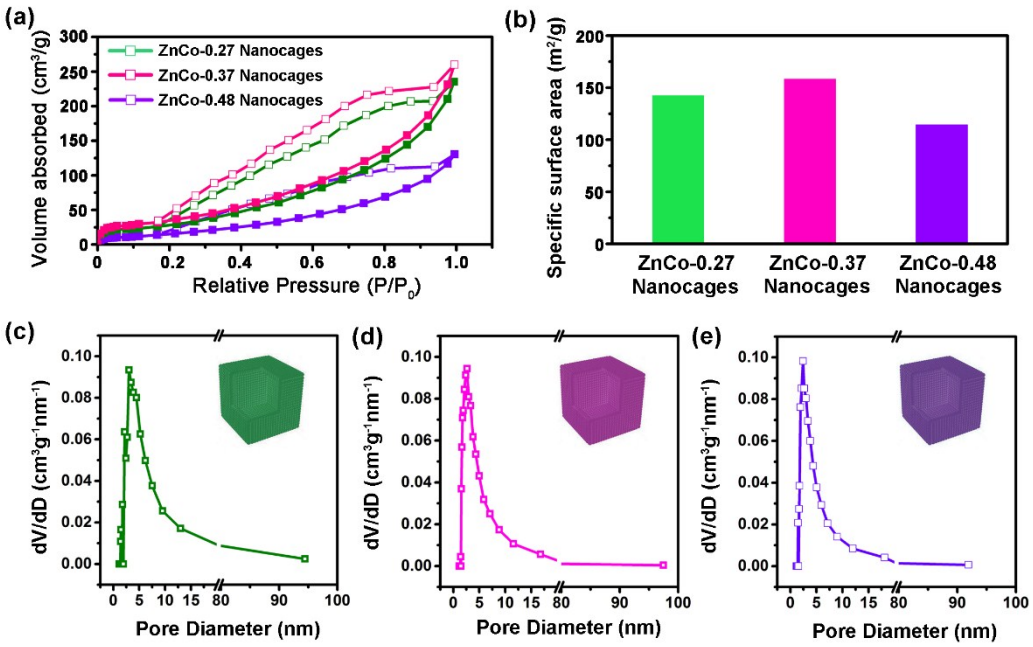

Figure S4. (a) Nitrogen adsorption-desorption isotherms of ZnCo-0.27, ZnCo-0.37 and ZnCo-0.48 samples; (b) specific surface area values of ZnCo-0.27, ZnCo-0.37 and ZnCo-0.48 samples ; pore size distribution curves of (c) ZnCo-0.27 nanocages; (d) ZnCo-0.37 nanocages; (e) ZnCo-0.48 nanocages.