

Supplementary Materials for
Fabrication of well-aligned Co-MOF arrays through a controlled and moderate process for the development of a flexible TBBPA sensor

Shiyuan Wang ^{a#}, Yao Chen ^{a#}, Mei Long ^b, Wanyu Li ^a, Yiran Huang ^a, Shiyi Lai ^a, Guiping Yang ^a,
Yang Song ^a, Jinfa Chen ^{c*}, Guangxia Yu ^{a*}

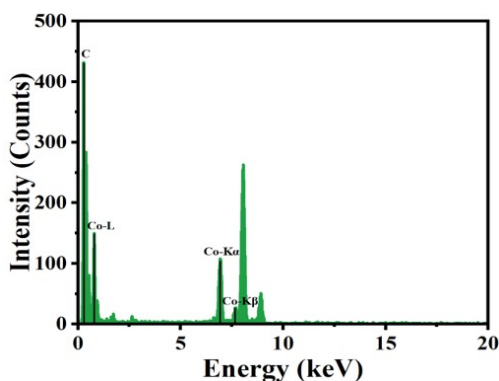


Fig. S1. EDX spectrum of Co-MOFs / CC.

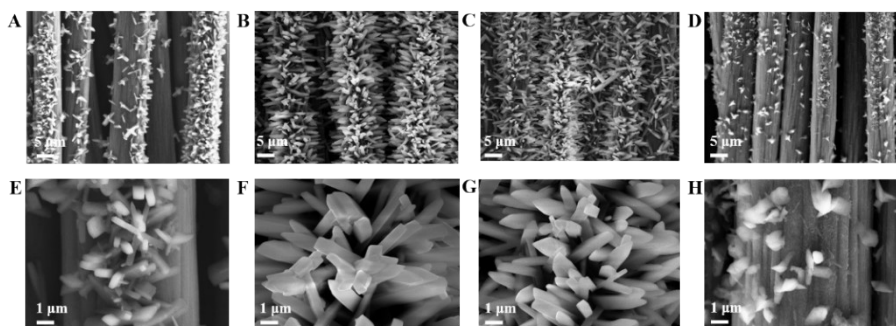


Fig. S2. SEM images of Co-MOFs in different synthesis temperature (A-D: 20, 40, 60, 80 °C; E-H: high magnification lens, respectively).

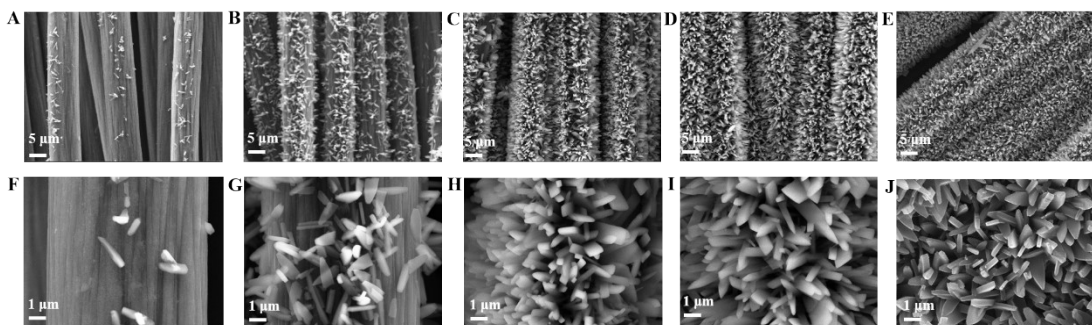


Fig. S3. SEM images of Co-MOFs in different synthesis time (A-D: 30, 45, 60, 120, 180 min; F-J: high magnification lens, respectively).

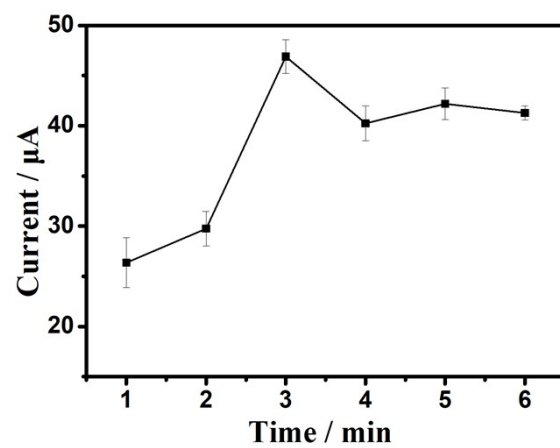


Fig. S4. Differential pulse voltammetry of 5 μM TBBPA on Co-MOFs / CC in 0.1 M PBS at different enrichment time (1, 2, 3, 4, 5, 6 min).