Electronic Supplementary Material (ESI) for New Journal of Chemistry.

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 $Co_2P$  decorated  $Co_3O_4$  nanocomposites supported on carbon cloth with enhanced electrochemical performance for asymmetric supercapacitors

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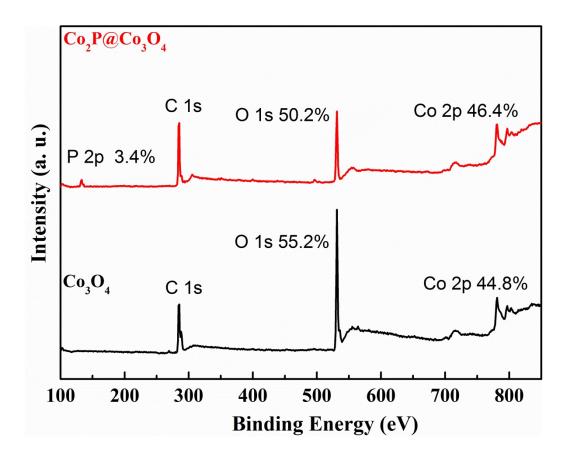


Figure S1. The xps spectra of Co<sub>2</sub>P@Co<sub>3</sub>O<sub>4</sub> and Co<sub>3</sub>O<sub>4</sub>

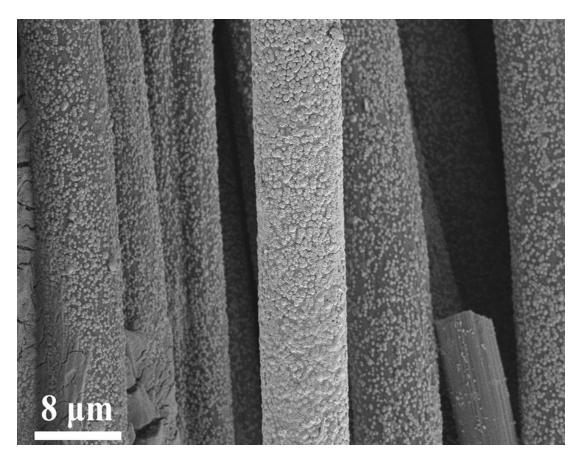


Figure S2. SEM images of  $Co_2P@Co_3O_4$ 



Figure S3. TEM images of  $Co_2P@Co_3O_4$ 

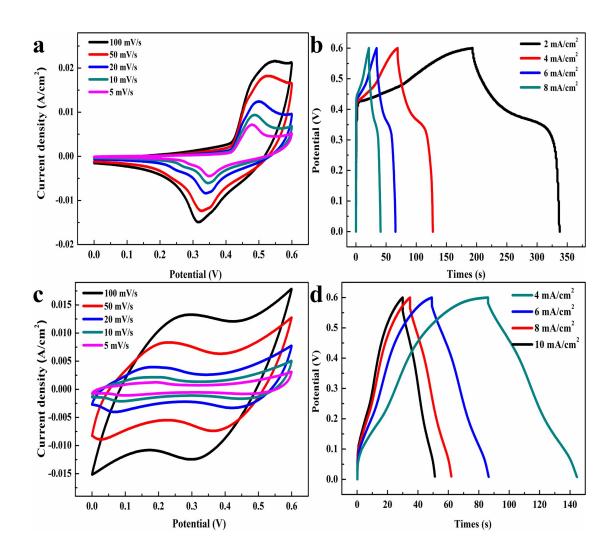


Figure S4. (a) and (b) The CV curves and GCD curves of  $\text{Co}_3\text{O}_4$ ; (c) and (d) The CV curves and GCD curves of  $\text{Co}_2\text{P}$ 

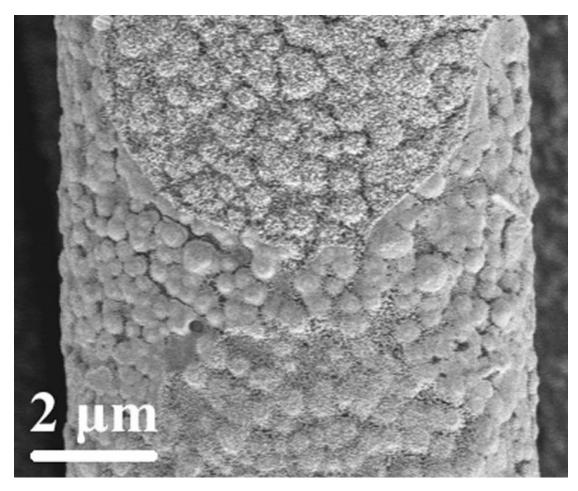


Figure S5. the SEM of the  $Co_2P@Co_3O_4$  after cycles

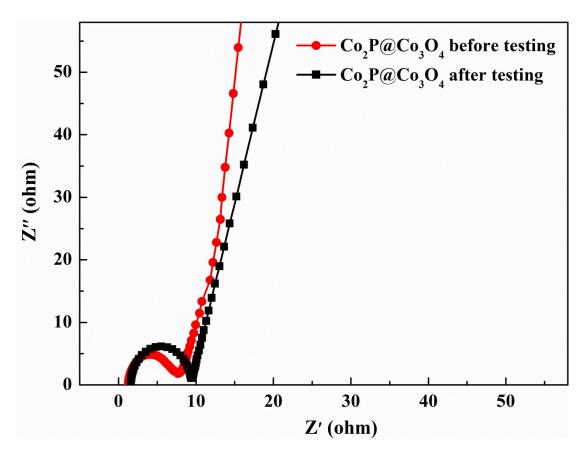


Figure S6. Nyquist plots for Co<sub>2</sub>P@Co<sub>3</sub>O<sub>4</sub> before and after testing