Electronic Supplementary Information

Ruthenium oxide-based nanocomposites with high specific surface area and improved capacitance as a supercapacitor

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Fig. S1. Histogram of RuO$_2$/C nanocomposites derived from a solvothermal approach: $\bar{d} = 1.80$ nm, $\sigma = 0.33$ nm, $\bar{\sigma} = 16.5\%$. 
Fig. S2. A typical EDX image of the precipitates obtained from the mixture of aqueous RuCl$_3$ and HAuCl$_4$ solution with Ru/Au molar ratio of 3/1.
Fig. S3. Histogram of RuO$_2$-Au/C nanocomposites derived from a mutual oxidation-reduction approach: $\bar{d} = 1.62$ nm, $\sigma = 0.24$ nm, $\bar{\sigma} = 14.8\%$. 