Supplementary Information

RuO$_2$/MnO$_2$ core/shell nanorods for supercapcitors

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**Figure S1.** Electroplating currents of samples with various MnO$_2$ coating time.

**Figure S2.** Pourbaix diagram obtained from the literature.$^1$ Red circle indicates our electroplating condition.
Figure S3. Cyclic voltammetry curves of (a) RuO$_2$ NRs and (b) RuO$_2$/MnO$_2$ NRs with various scan rates ranging from 2 to 100 mV s$^{-1}$. The MnO$_2$ coating time is 30 min.
Figure S4. CV curves of RuO$_2$ NRs with various MnO$_2$ coating time.

Reference: