

Supplementary Information

RuO₂/MnO₂ core/shell nanorods for supercapcitors

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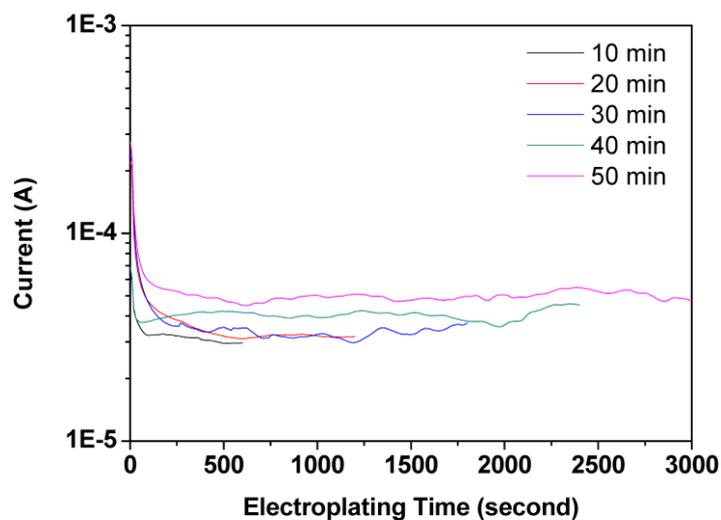


Figure S1. Electroplating currents of samples with various MnO_2 coating time.

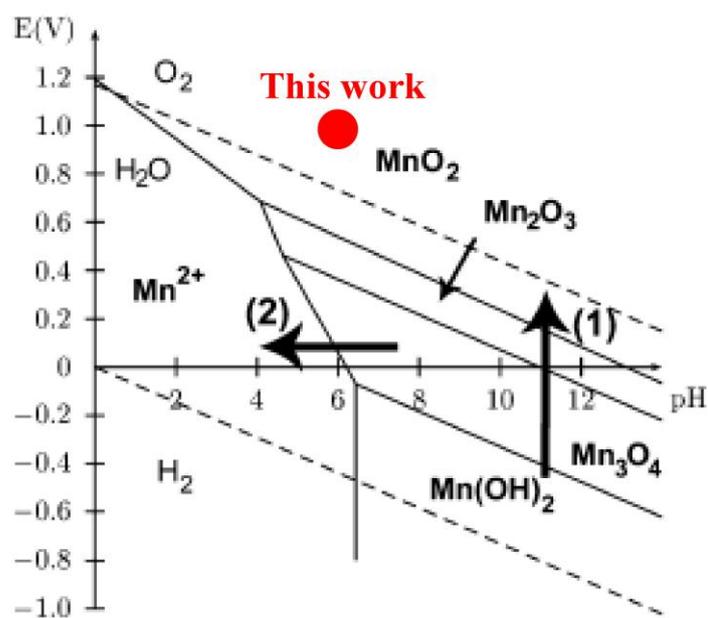


Figure S2. Pourbaix diagram obtained from the literature.¹ Red circle indicates our electroplating condition.

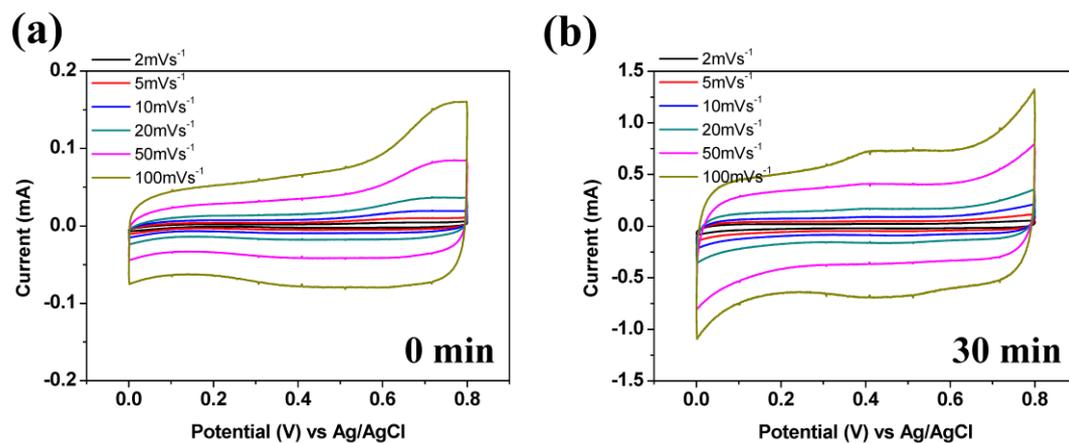


Figure S3. Cyclic voltammetry curves of (a) RuO₂ NRs and (b) RuO₂/MnO₂ NRs with various scan rates ranging from 2 to 100 mV s⁻¹. The MnO₂ coating time is 30 min.

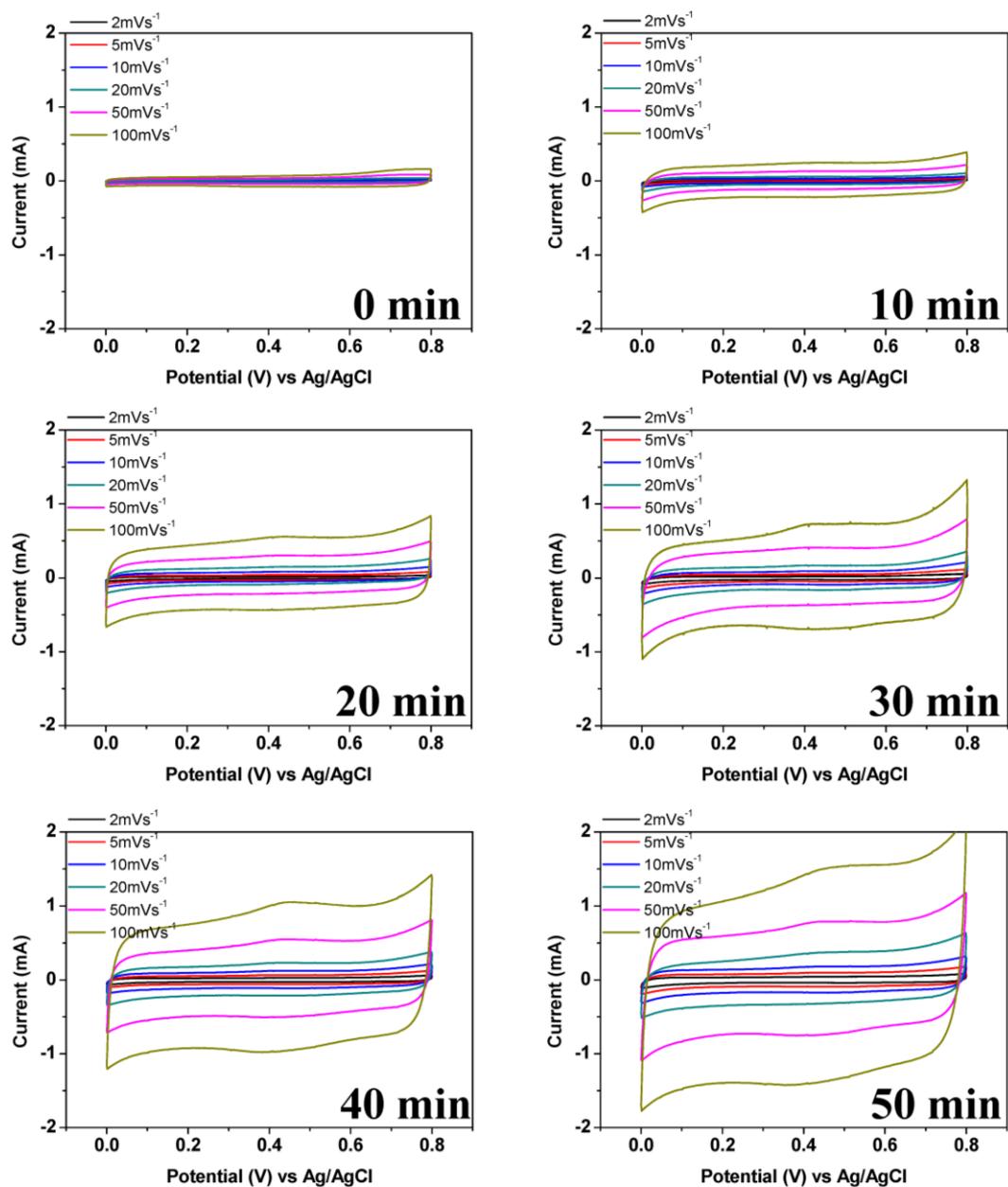


Figure S4. CV curves of RuO₂ NRs with various MnO₂ coating time.

Reference:

1. D. Portehault, S. Cassaignon, E. Baudrin and J.-P. Jolivet, *J. Mater. Chem.*, 2009, **19**, 2407-2416.