

## Electronic Supplementary Information

### Low Temperature Self-Assembled Synthesis of Hexagonal Plate-Shape $\text{Mn}_3\text{O}_4$ 3D

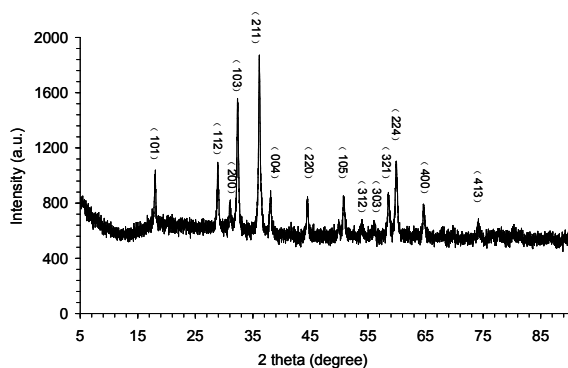
#### Hierarchical Architectures and their Application in Electrochemical Capacitors

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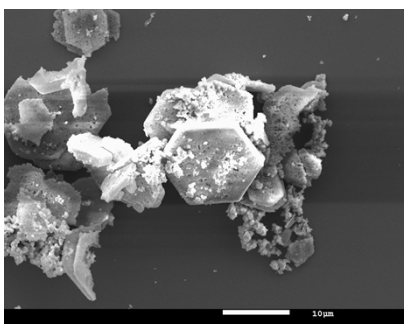
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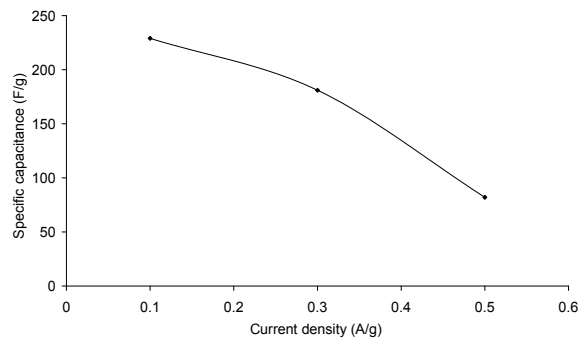
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**Figure S1.** XRD pattern of  $\text{Mn}_3\text{O}_4$  synthesized at  $120^\circ\text{C}$  for 2h (sample S2).



**Figure S2.** FE-SEM image of  $\text{Mn}_3\text{O}_4$  hexagonal plates (sample S6) after 4 minutes sonication.



**Figure S3.** Specific capacitance of  $\text{Mn}_3\text{O}_4$  hexagonal plates (sample S6) at different current densities.