

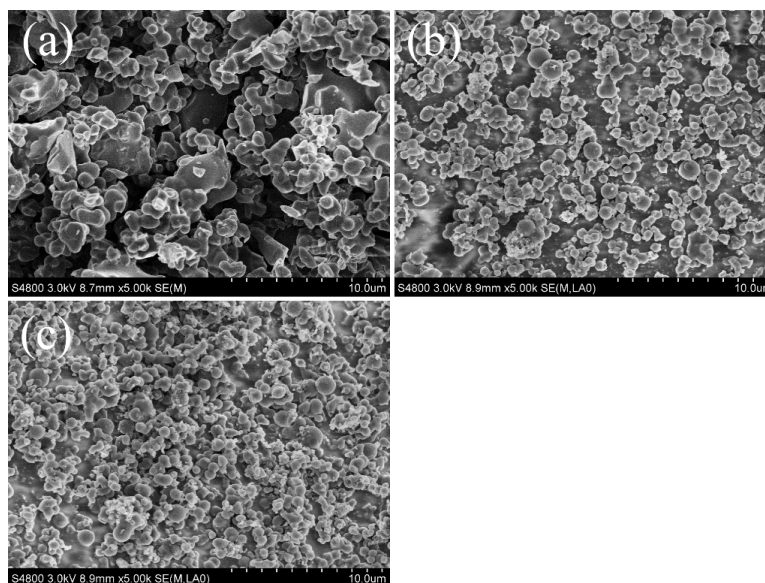
## Fast synthesis of carbon microspheres via microwave-assisted reaction for sodium ion batteries

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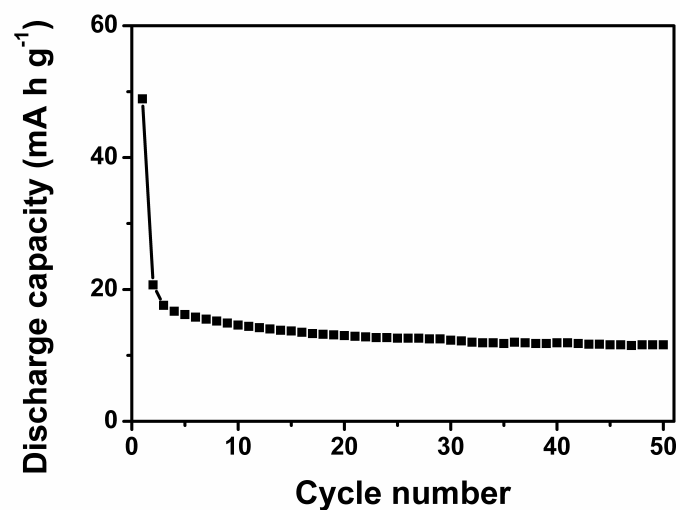
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**Figure S1** FESEM images of (a) CS300, (b) CS700 and (c) CS1000. These materials have a spherical structure similar to that of CS500.



**Figure S2** Cycle performance of CS300. CS300 delivers an initial discharge capacity of 49 mA h g<sup>-1</sup> and maintains 12 mA h g<sup>-1</sup> after 50 cycles, showing poor electrochemical performance.