Supporting Information

Green and high-efficient microwave synthesis route for sulfur/carbon composite for Li-S battery

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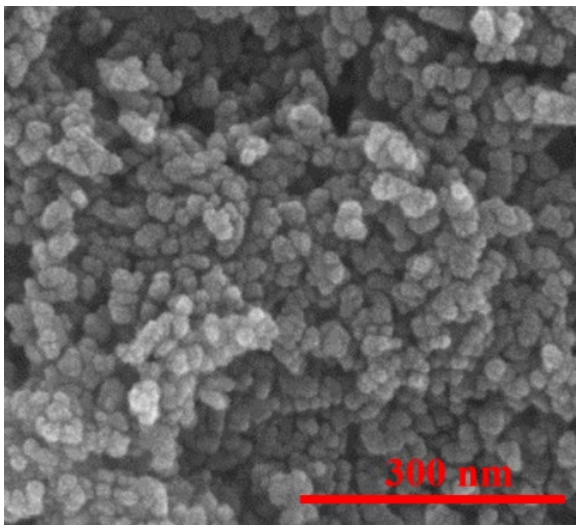

Figure S1. SEM image of ZnO nanoparticle.

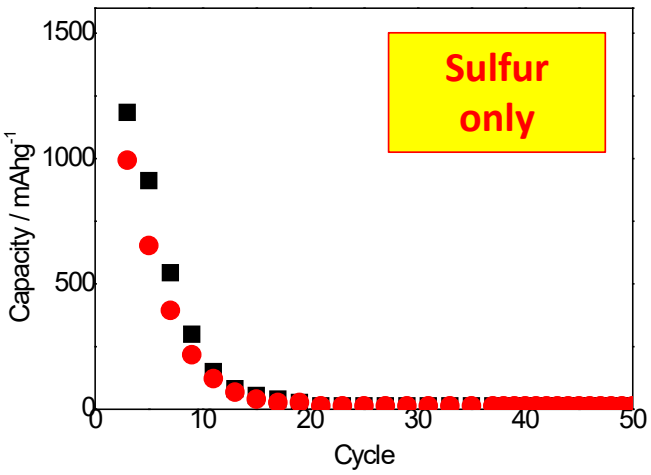

Figure S2. Cyclic performance of sulfur electrode.

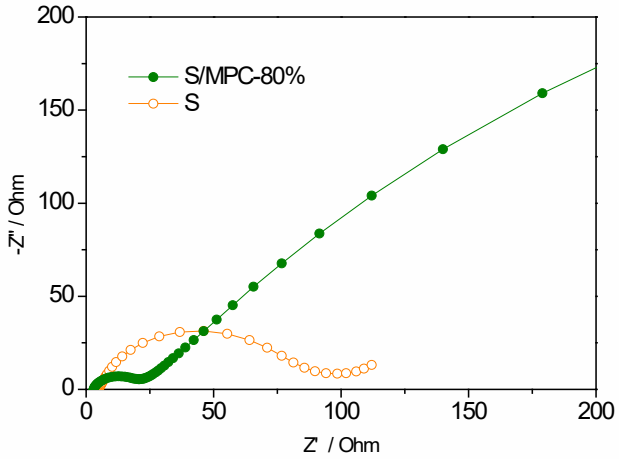

Figure S3. EIS spectra of cell made by S/MPC-80% and sulfur electrode.

Table S1. The weight data of S/MPC samples before and after microwave treatment.

Condition	MPC / g	Sulfur / g	Weight / g (after Microwave treatment)	Sulfur contain/%
Raw MPC	1.0	0	1.0 (*300 W* 60 s*)	0
*100 W * 60 s*	0.2	0.8	1.0	80%
*200 W * 60 s*	0.2	0.8	0.74	73%
*300 W * 60 s*	0.2	0.8	0.67	70%