

Supporting Information

Large Scale Process for Low Crystalline MoO₃-Carbon Composite Microspheres Prepared by One-Step Spray Pyrolysis for Anodes in Lithium-Ion Batteries

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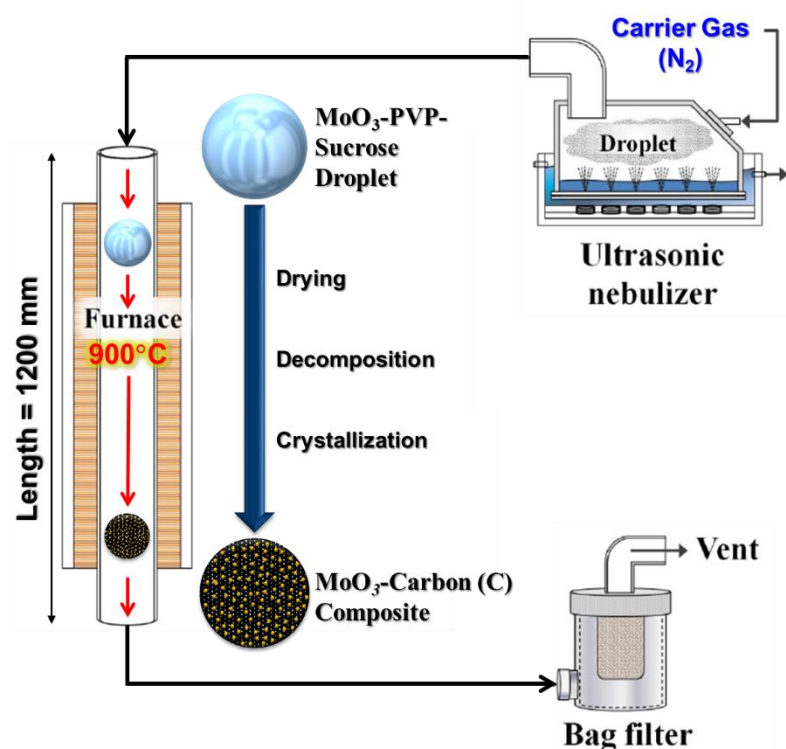


Figure S1. Schematic diagram of spray pyrolysis system applied in the preparation of MoO₃/C composite microspheres.

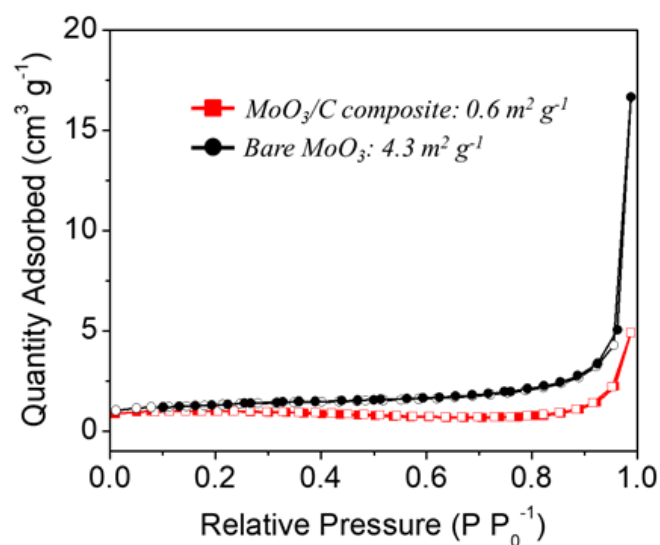


Figure S2. N₂ adsorption-desorption isotherms measured at 77 K for the MoO₃/C composite microspheres and bare MoO₃ powders.

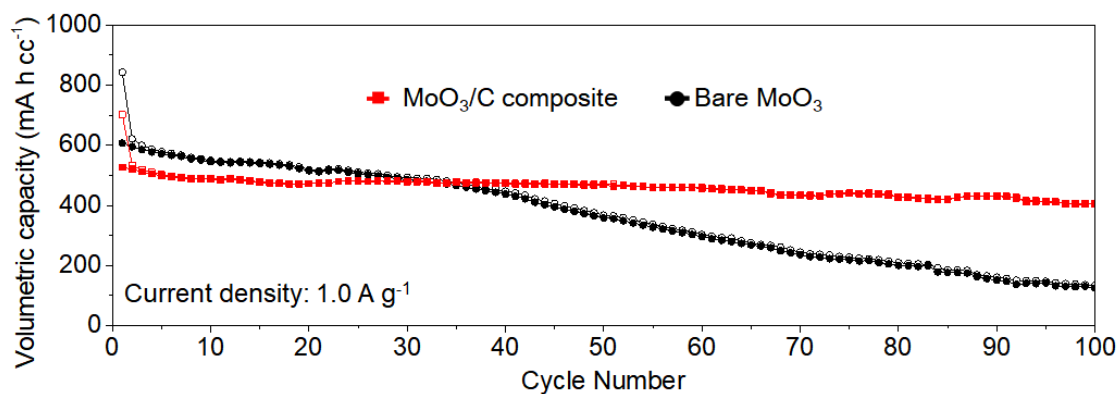


Figure S3. Cycle properties of the MoO₃/C composite microspheres and the bare MoO₃ powders.

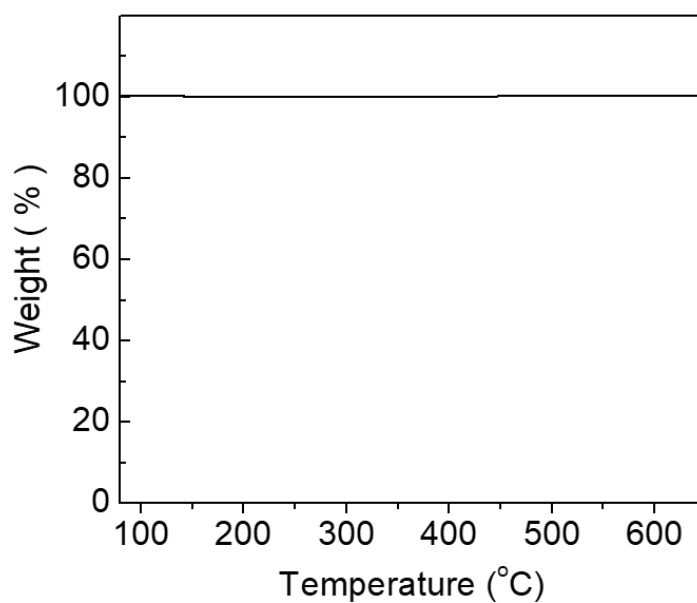


Figure S4. TGA curve of the bare MoO₃ powders.

Table S1. Fitted data obtained from the equivalent circuit for Nyquist plots.

		R_f (Ω)	R_{ct} (Ω)
Fresh cell	MoO₃-C composite	-	26
	Bare MoO₃	-	31
After 1st cycle	MoO₃-C composite	3	18
	Bare MoO₃	5	28
After 100th cycle	MoO₃-C composite	8	42
	Bare MoO₃	82	134