

Supporting Information

Superior cycling and rate performances of rattle-type CoMoO₄ microspheres prepared by one-pot spray pyrolysis

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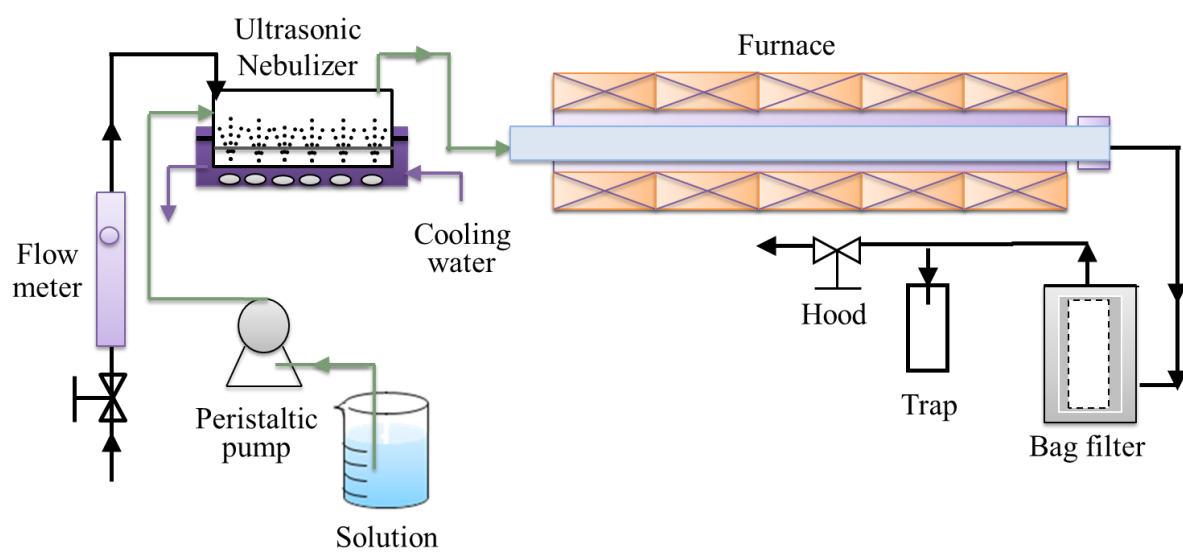


Fig. S1 Schematic diagram of the ultrasonic spray pyrolysis system.

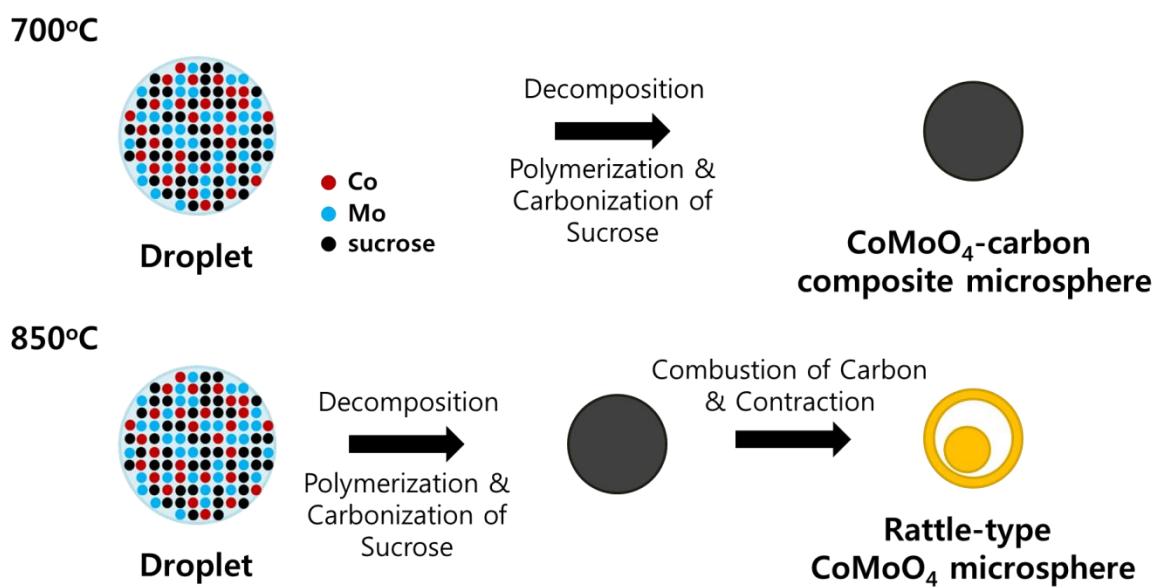


Fig. S2 Formation mechanisms of CoMoO₄-carbon composite microsphere and rattle-type CoMoO₄ microsphere in the spray pyrolysis process.

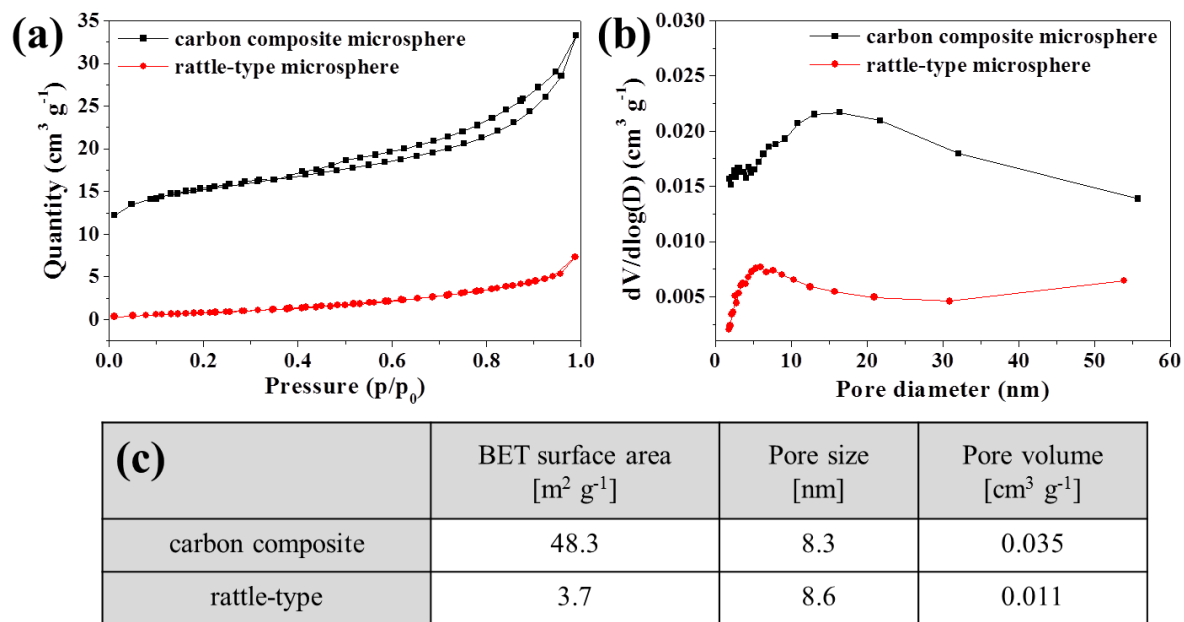


Fig. S3 (a) Nitrogen adsorption-desorption isotherms, (b) pore size distribution curves, and (c) textural properties of rattle-type CoMoO₄ microspheres and CoMoO₄-carbon composite microspheres.

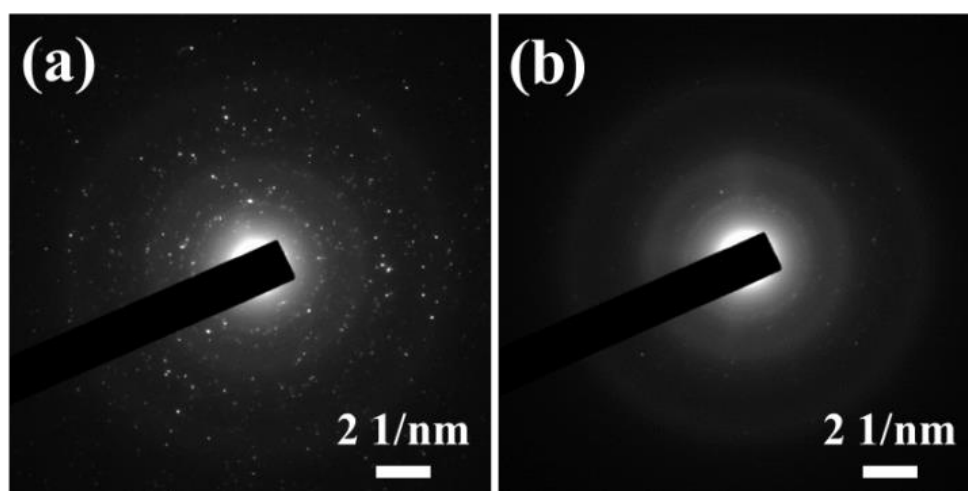


Fig. S4 SAED patterns of (a) rattle-type CoMoO_4 and (b) CoMoO_4 -carbon composite microspheres.

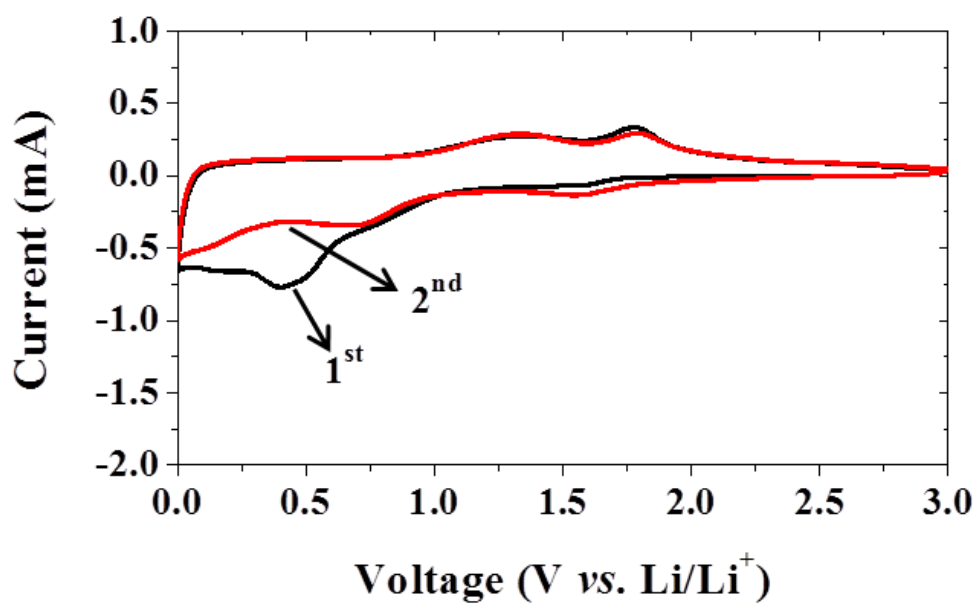


Fig. S5 CVs of CoMoO₄-carbon composite microspheres for the first and second cycles.

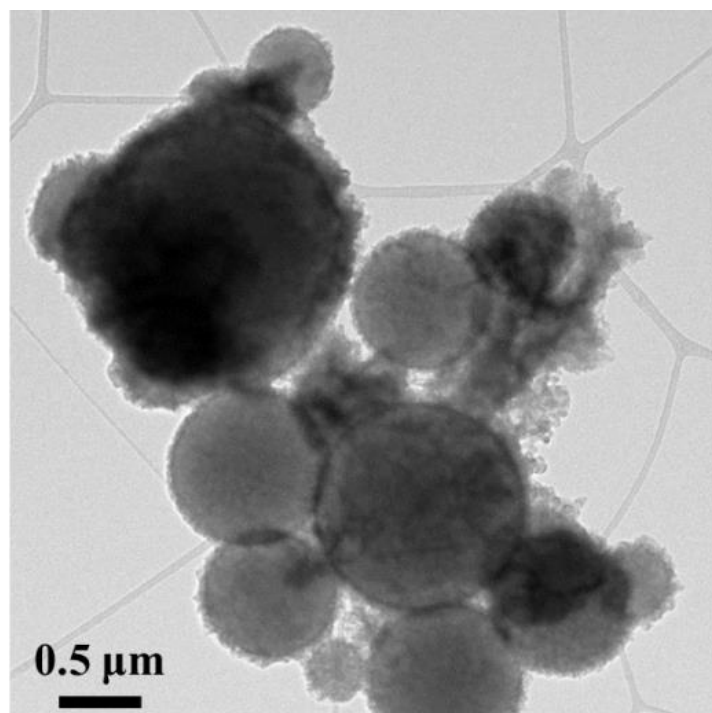


Fig. S6 TEM image of CoMoO_4 -carbon composite microspheres after cycling.