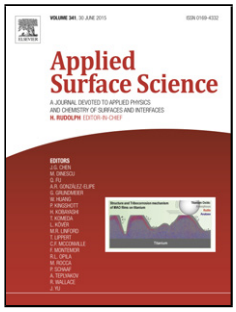

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The Two-Dimensional to Three-Dimensional Transition Structures of $ZnCo_2O_4$ for the Application of Lithium-Ion Batteries

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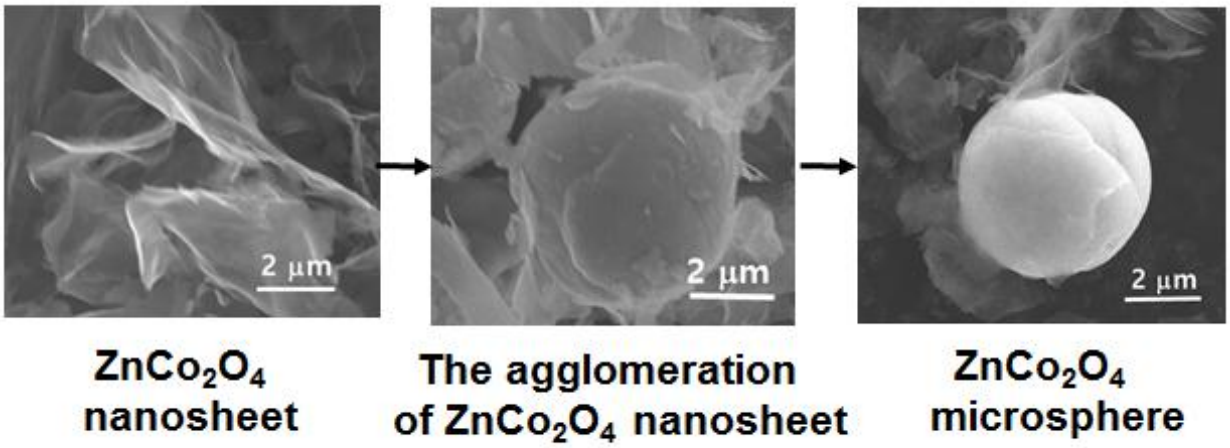
Graphical Abstract

We demonstrated the transformation of $ZnCo_2O_4$ nanostructures from nanosheets to microsphere without the use of any surfactant or template.



Highlights

- $ZnCo_2O_4$ microspheres were formed by the agglomeration of $ZnCo_2O_4$ nanosheets
- The assembly of the $ZnCo_2O_4$ nanosheet depends on the surface free energy of solution
- $ZnCo_2O_4$ hybrid structure was consisted of the well-connected $ZnCo_2O_4$ nanoparticles