

ADVANCED FUNCTIONAL MATERIALS

ANODES

3D hierarchical ZnCo_2O_4 twin spheres are prepared by S. L. Xiong and co-workers via a convenient polyol process and subsequent thermal annealing. A multistep-splitting-in situ-dissolution-recrystallization originating from 1D nanorods is first proposed to understand the formation of the 3D nanoarchitectures. Lithium-ion batteries prepared with the 3D materials display remarkable performance in energy storage.