

Facile synthesis of Ag nanowires/mesoporous TiO₂ core-shell nanocables with improved properties for lithium storage

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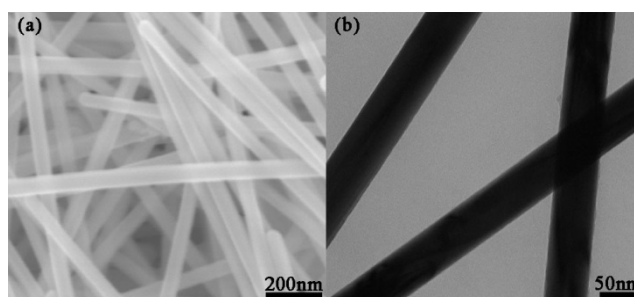


Figure S1. (a) SEM and (b) TEM images of Ag Nanowires.

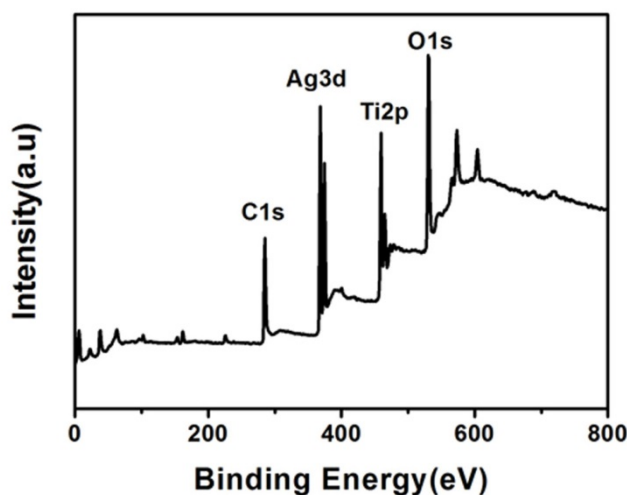


Figure S2. The survey spectrum of AgNW@mTiO₂ nanocables.

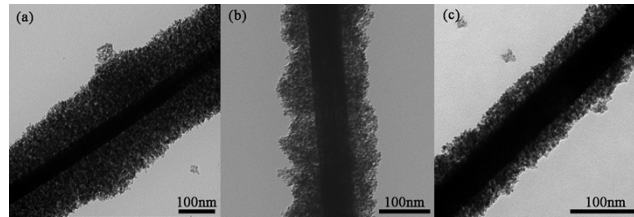


Figure S3. The TEM images of Ag/TiO₂-0.1 (a), Ag/TiO₂ (b) and Ag/TiO₂-0.4 (c) nanocable.

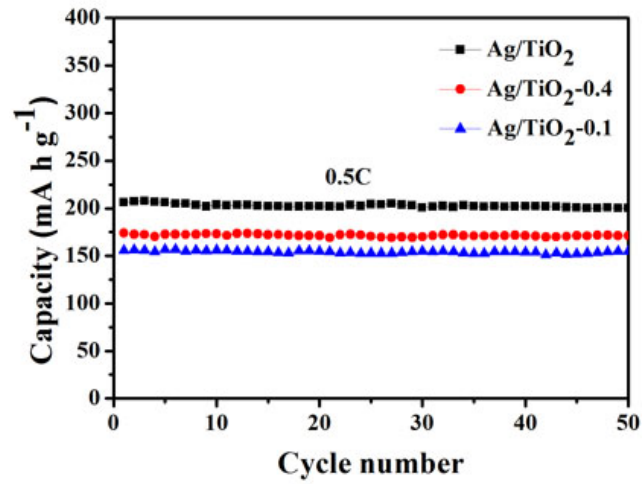


Figure S4. Cycling performance of Ag/TiO₂, Ag/TiO₂-0.4 and Ag/TiO₂-0.1 at a current of 0.5 C.

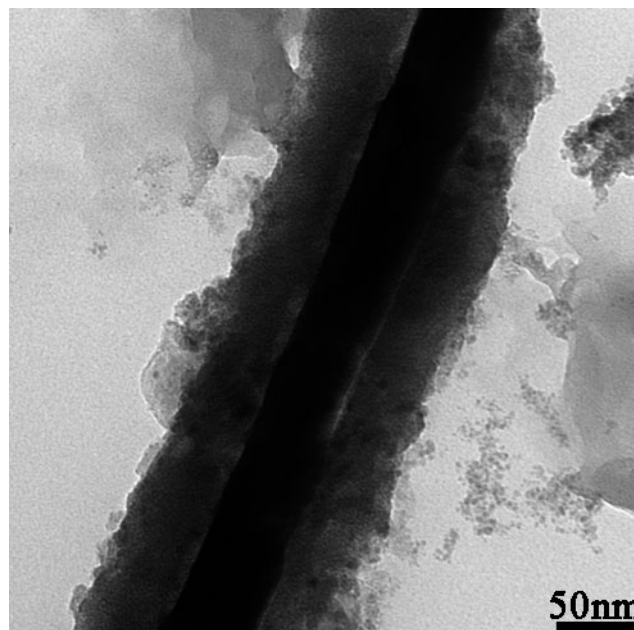


Figure S5. The TEM images of Ag/TiO₂ core-shell nanocables after 50 cycles at a rate of 1 C.

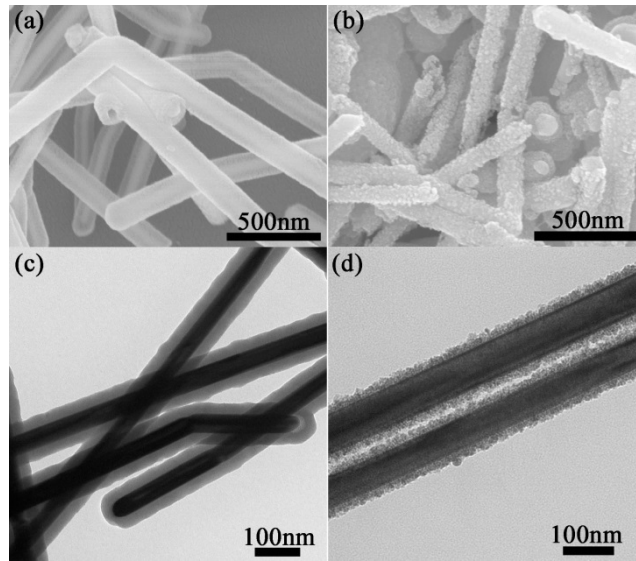


Figure S6. (a) SEM and (c) TEM images of AgNW@SiO₂ nanocables; (b) SEM and (d) TEM images of the AgNW@SnO₂ nanocables.