

# *Self-assembled Arrays of Aligned TiO<sub>2</sub> Nanotubes*

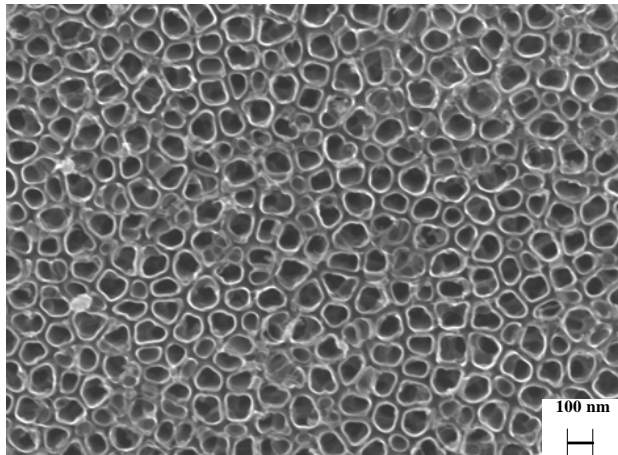
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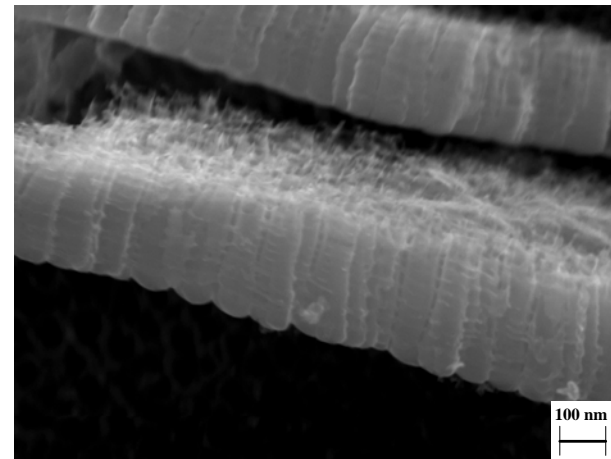
***Tube wall: ~10 nm***  
***Tube diameter: ~(40-100 nm)***  
***Tube height : ~(50-250 nm)***  
***Direct formation at 20V/20min/HF in water***

## **Excellent intercalation host for Li<sup>+</sup>:**

- High insertion capacity
- Rapid insertion/release of Li<sup>+</sup>



**Top view**



**Side view**

## Publications

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