

Figure 1. Fabrication of elaborate metallic films with modulated porosity along the thickness direction.

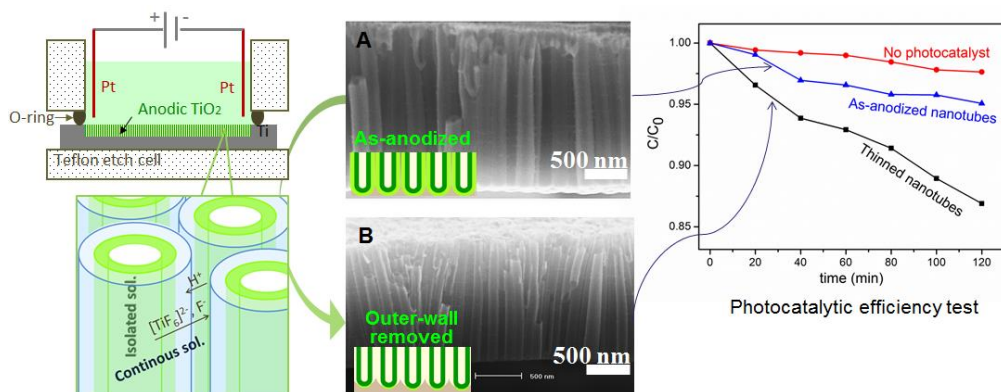


Figure 2. Selective removal of the outer shells of  $\text{TiO}_2$  nanotubes for enhanced photocatalysis.

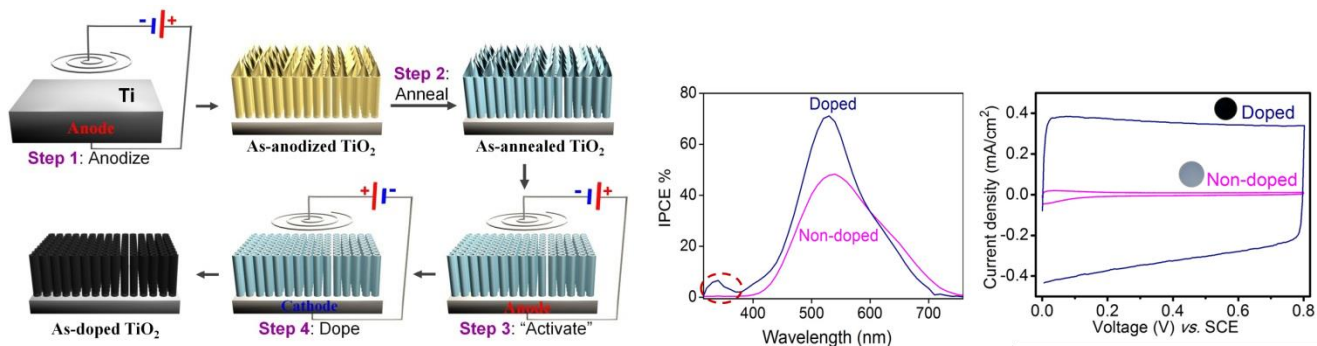


Figure 3. Electrochemical doping of anatase  $\text{TiO}_2$  for high-performance photocatalysts and supercapacitors.