

Mesoporous TiO₂ Hierarchical Structures: Preparation and Efficacy in Solar Cells

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◆ **Photographic images of the 10×10 cm and 30×30 cm electrospayed TiO_2 photoelectrode films**

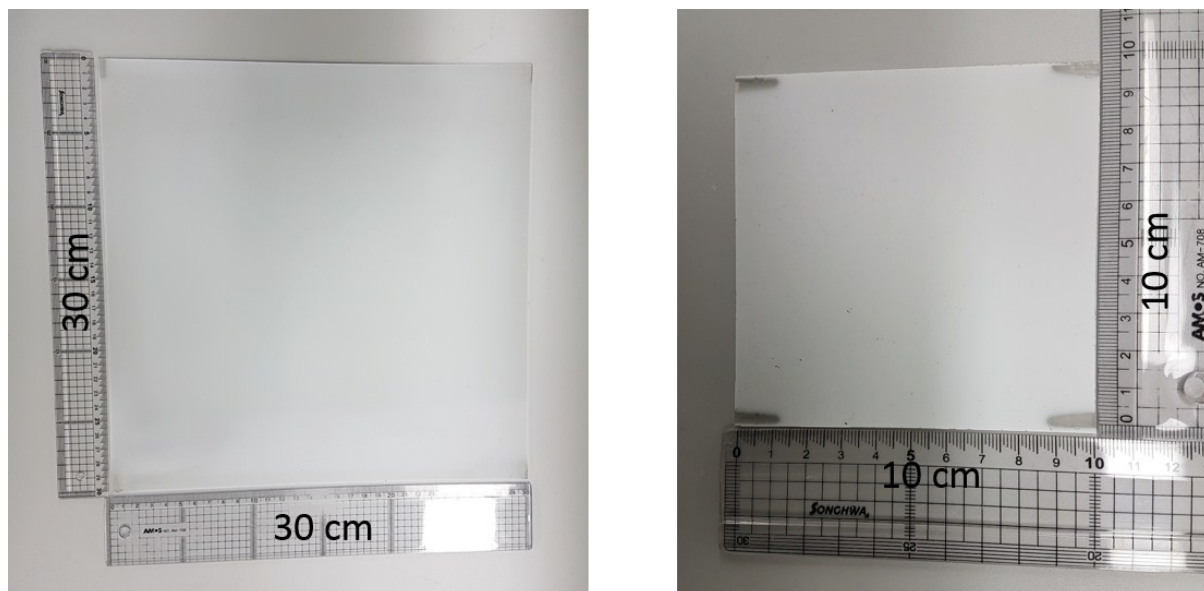


Figure S1. Photographs of TiO_2 films prepared by electrospay method.

◆ Pore size distribution for the mesoporous TiO₂ hierarchical structures with electrospray deposition

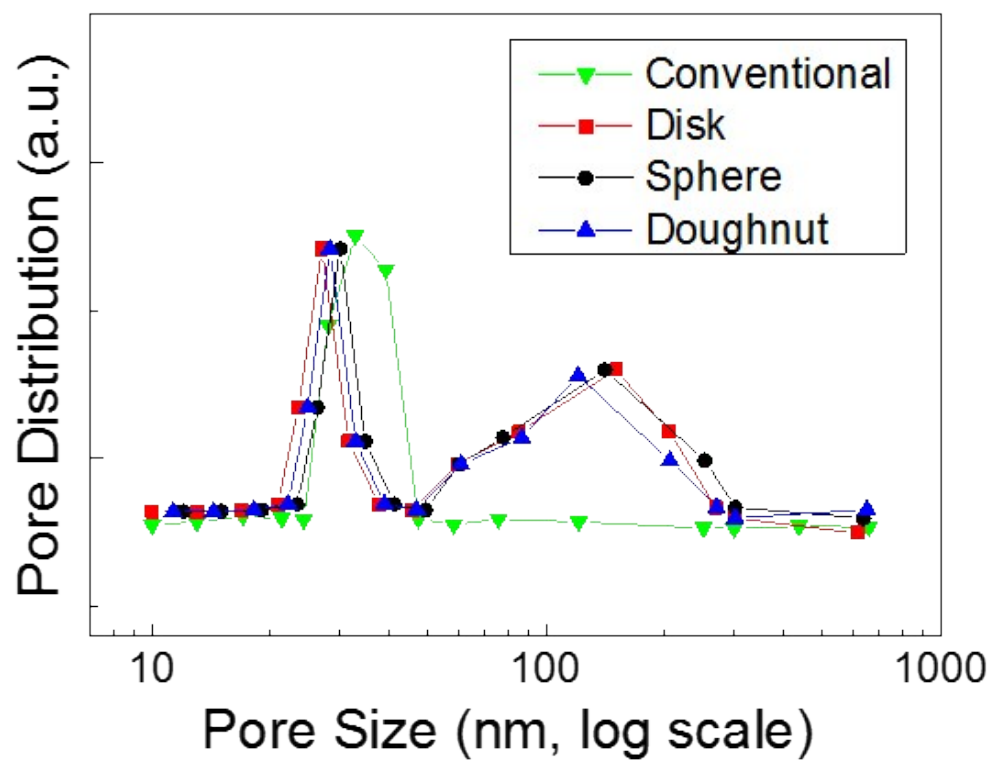


Figure S2. Pore size distributions for the ~15 μm -thick TiO₂ photoelectrodes of disk-, spherical-, and doughnut-shaped particles, as well as conventional NPs.

◆ Statistical data related to photovoltaic device performance

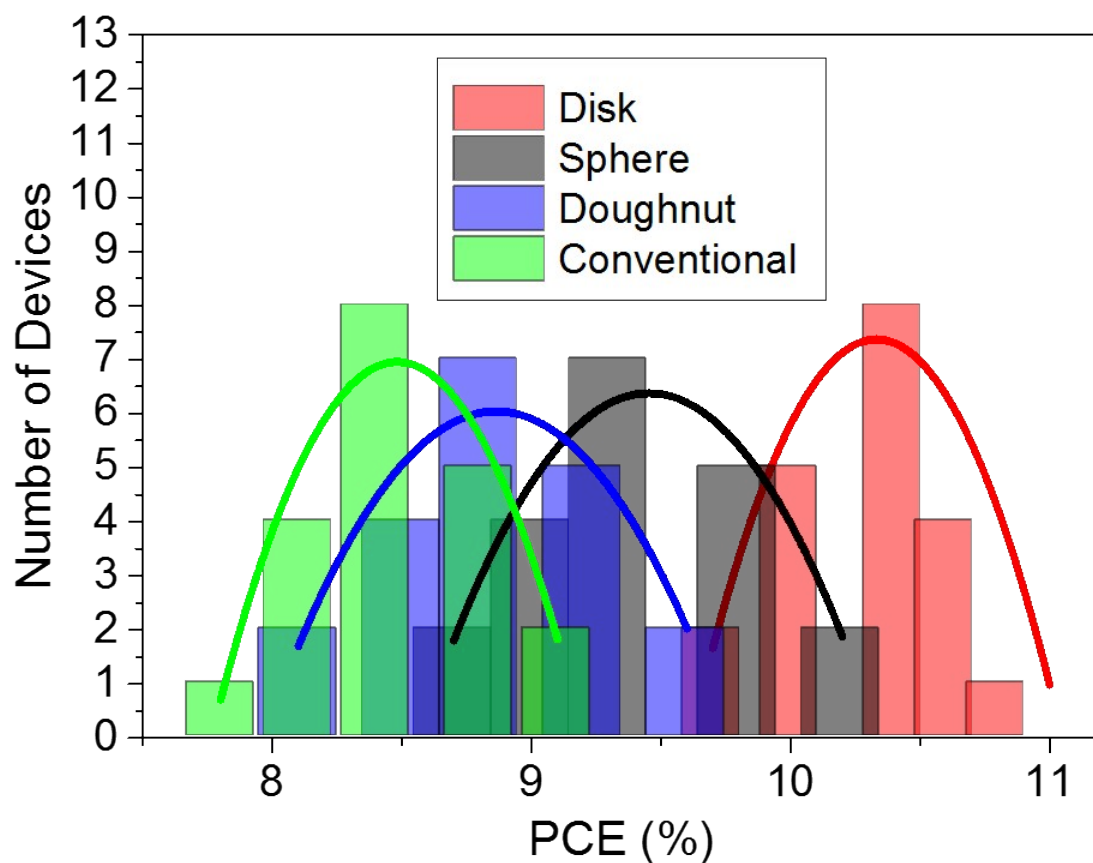


Figure S3. Histograms of PCE values of devices based on TiO₂ photoelectrodes of disk-, spherical-, and doughnut-shaped, as well as conventional, particles. Data was collected from more than 20 devices fabricated for each particle shape.