

Electronic Supplementary Information

Shape- and Morphology-controlled Metal Organic Framework Template for High Efficiency Solid-state Dye-sensitized Solar Cells

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Fig. S1. Surface SEM images of photoanodes prepared by the doctor blading technique; (a) hier1-TiO₂, (b) hier2-TiO₂, (c) hier3-TiO₂, and (d) hier4-TiO₂.

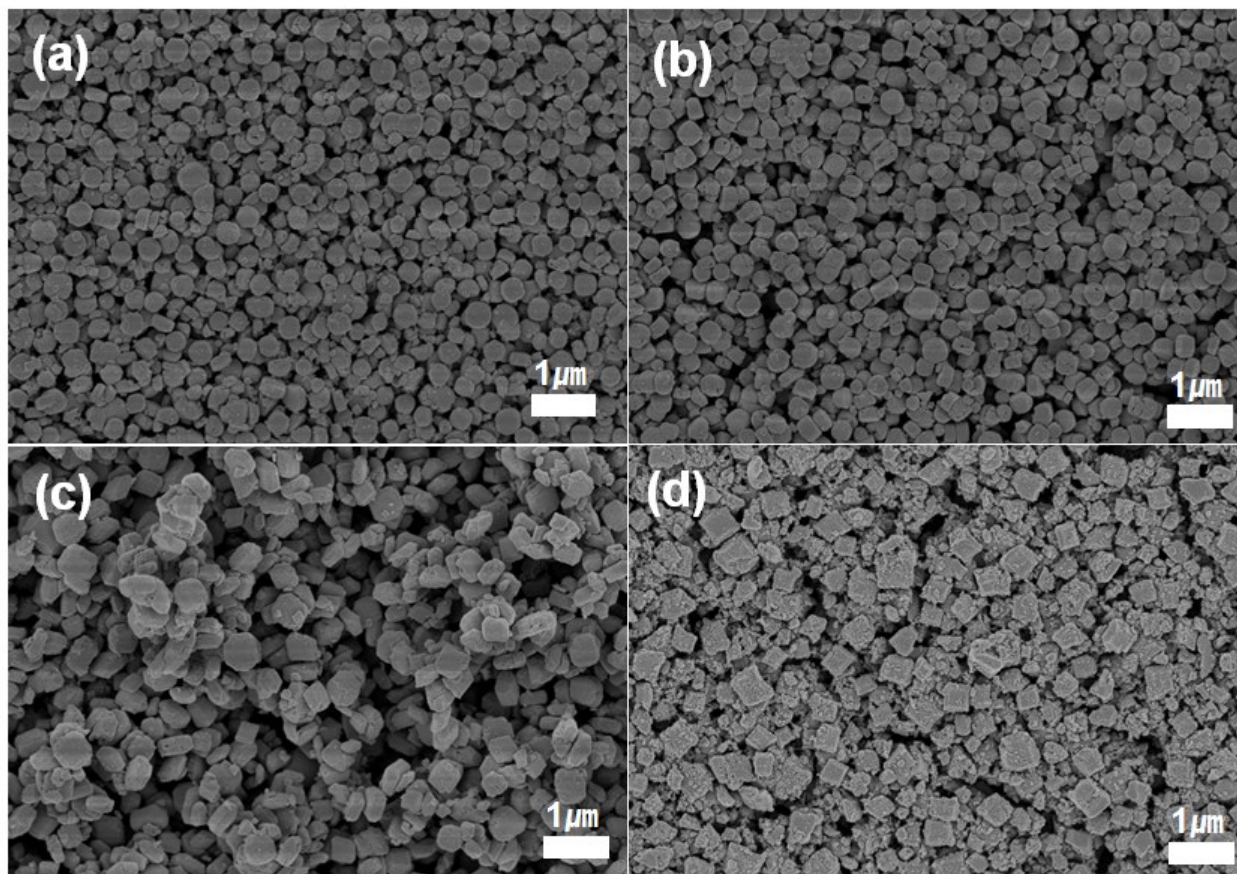


Fig. S2. Cross-sectional SEM images of photoanodes prepared by the doctor blading technique; (a) hier1-TiO₂, (b) hier2-TiO₂, (c) hier3-TiO₂, and (d) hier4-TiO₂.

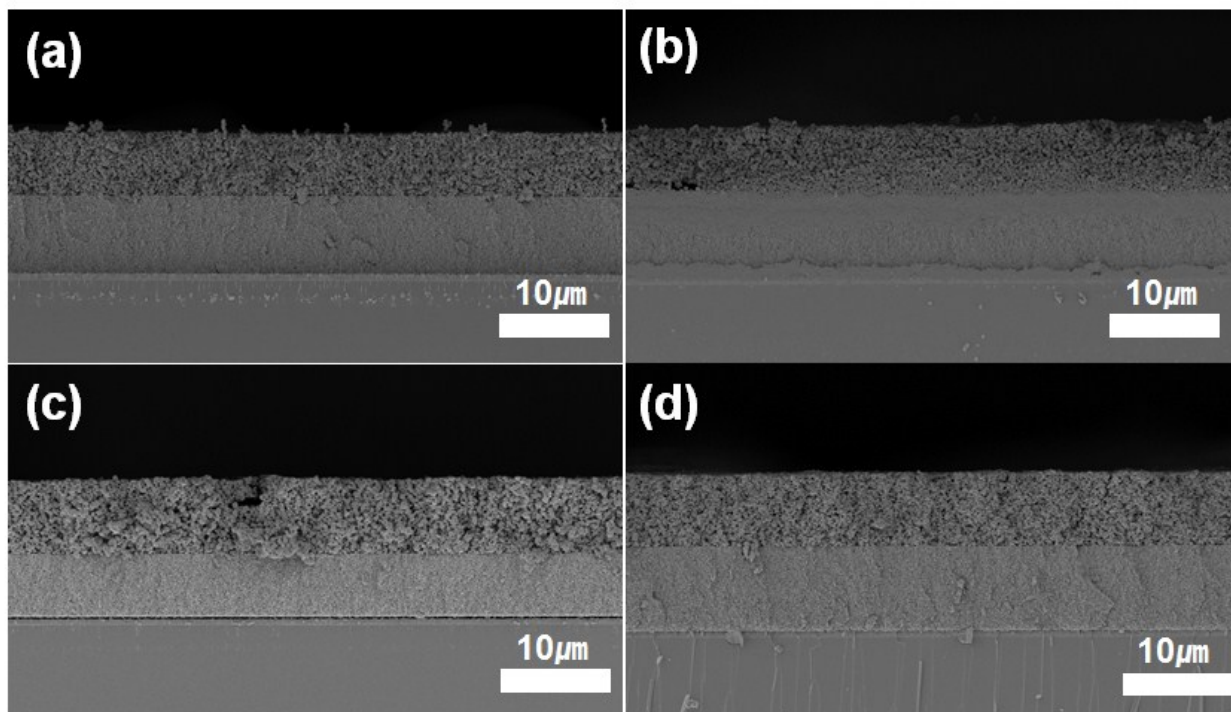


Fig. S3. Normalized IPCE curves of DSSCs fabricated with a quasi-solid-state polymer electrolyte and different photoanodes under one sun illumination condition (100 mW/cm^2).

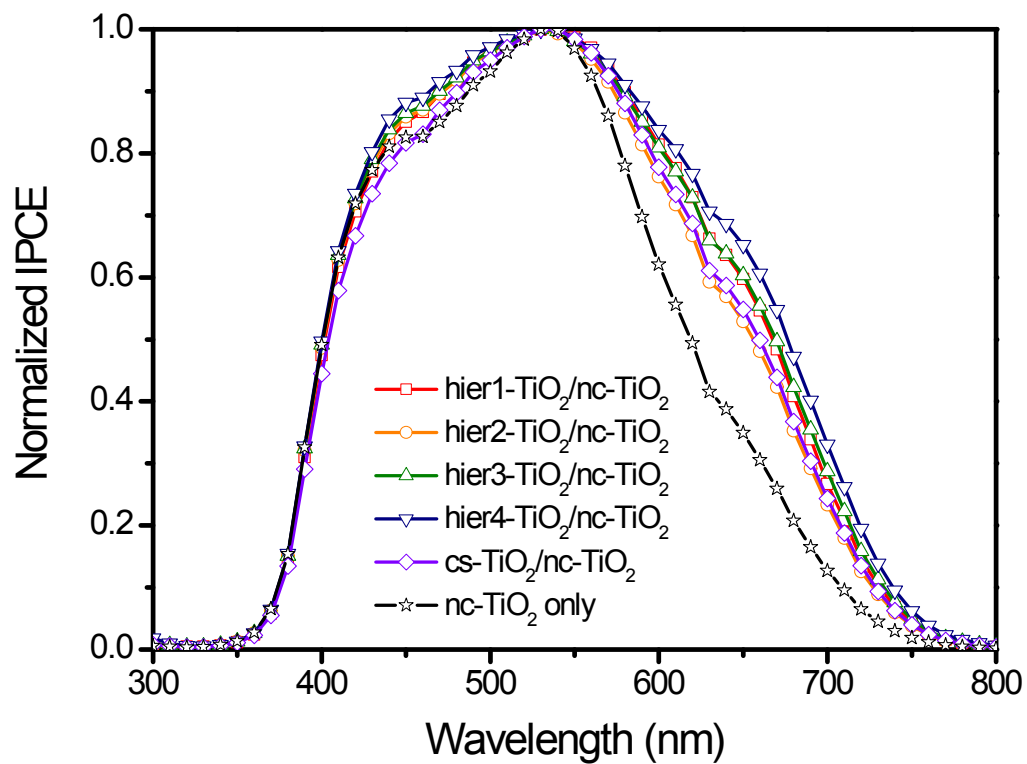


Table S1. Surface area and pore diameter of MIL-125(Ti) and hier-TiO₂.

	Surface area (m ² /g)	Average pore diameter (nm)
MIL-125(Ti)1	1,435	2.0
MIL-125(Ti)2	1,371	2.0
MIL-125(Ti)3	1,444	1.8
MIL-125(Ti)4	1,976	1.8
hier1-TiO ₂	113	9.2
hier2-TiO ₂	107	9.1
hier3-TiO ₂	108	6.5
hier4-TiO ₂	100	6.9