



ADVANCED ELECTRONIC MATERIALS

ULTRATHIN SOLAR CELLS

Ultrathin silicon solar cells are attractive in reducing cost but challenging in their optical and electrical optimization. In article number 1800858, Sihua Zhong, Fanying Meng, Wenzhong Shen, and co-workers propose all-solution-processed Si nanopyramids as surface texture for ultrathin solar cells. A 37- μm -thick Si solar cell, obtained by industrially compatible processes, achieves good performance and a quasi-omnidirectional characteristic.