

Table 1. O/Ti ratios from EDX and XPS analysis, and specific surface area of the nanostructured titanium oxide materials.

	O/Ti		S_{BET} [m ² /g]
	EDX	XPS	
TiNT	2.21	2.08	253
TiNT-Δ	2.08	2.08	93
TiNT/NP	2.35	2.07	304
TiNT/NP-Δ	2.07	2.03	105

Table 2. Characteristics of DSCs built with the TiNT and TiNT/NP materials: Open circuit voltage (V_{oc}), short circuit intensity (J_{sc}), fill factor (FF), and photovoltaic efficiency (η).

	V_{oc} [V]	J_{sc} [mA]	FF	η [%]
TiNT	0.699	7.65	58.3	3.12
TiNT-Δ	0.711	4.61	67.1	2.20
TiNT/NP	0.711	5.87	64.5	2.69
TiNT/NP-Δ	0.705	4.44	66.8	2.09