Supporting information

Self photostabilizing UV-durable MWCNT/polymer nanocomposites

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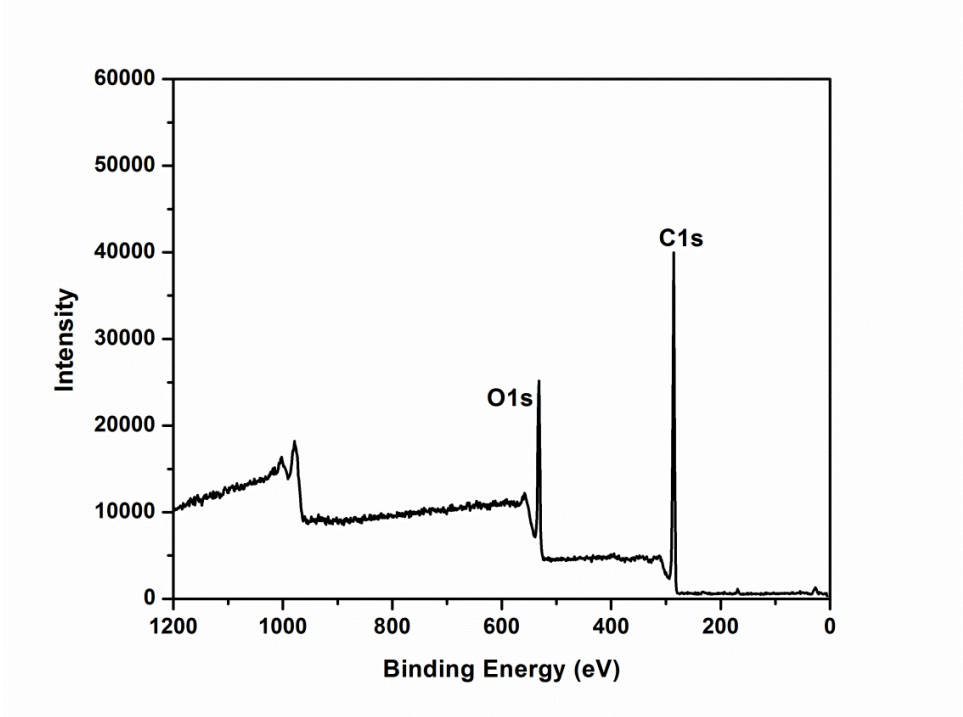

Fig.S1. XPS survey scan spectra of MWCNTs -COOH

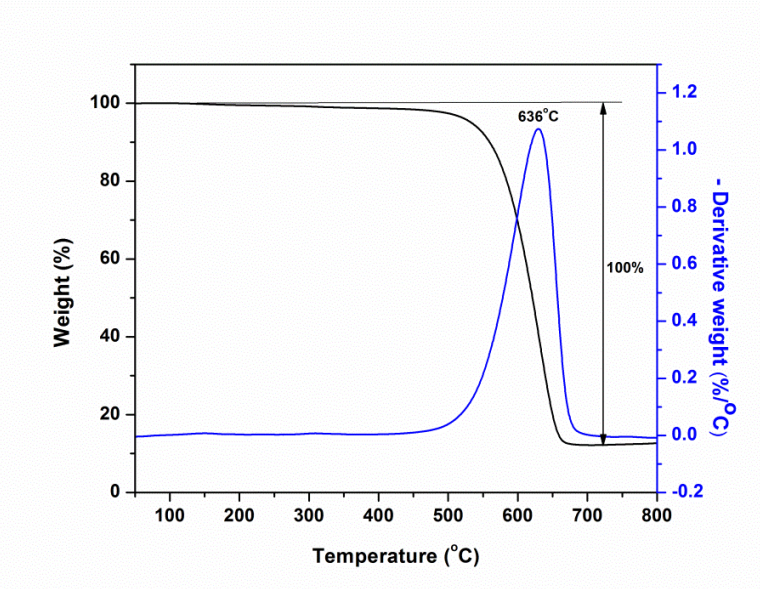

Fig.S2. TGA/DTA curves of MWCNTs

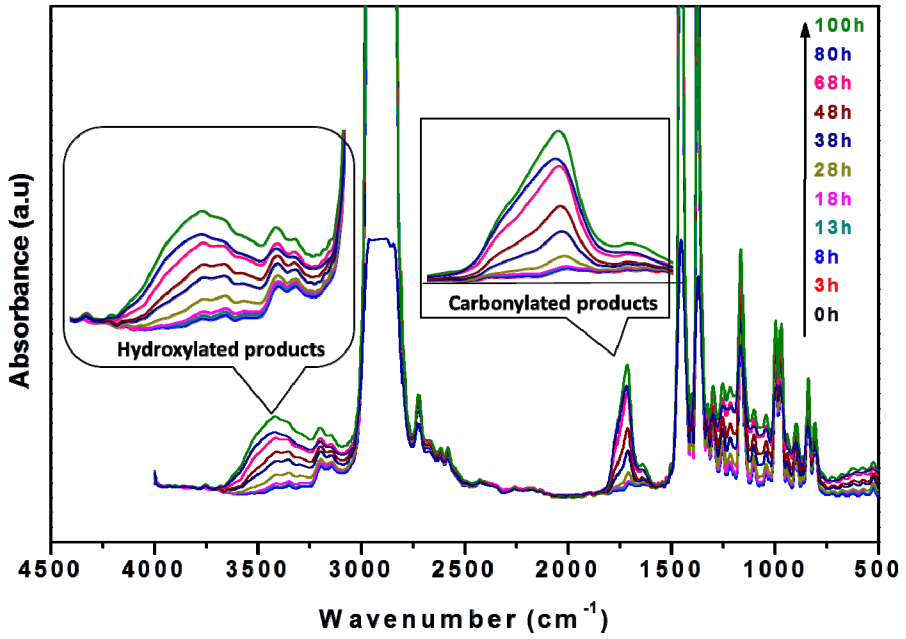

Fig.S3. FTIR spectra of pure films of photooxidized at λ >300 nm at 60 °C

Table.S1. XPS Data

Samples	C 1s (%)	O 1s (%)	N 1s (%)	n_o/n_c
Pristine MWCNTs	98.78	1.22	0	0.01
MWCNTs-COOH	86.88	13.12	0	0.15
MWCNTs-*f*-HALS	89.95	6.77	3.28	0.07