

Supporting Information

Poly (vinylidene fluoride) / Poly (acrylonitrile)–based Superior Hydrophobic Piezoelectric Solid Derived by Aligned Carbon Nanotube in Electrospinning: Fabrication, the Phase Conversion and Surface Energy

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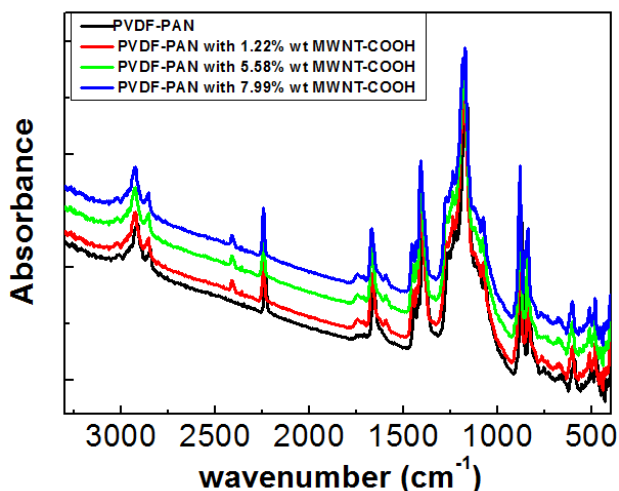


Fig S1: (A) FTIR spectra of PVDF–PAN and PVDF–PAN/MWNTs nanocomposites

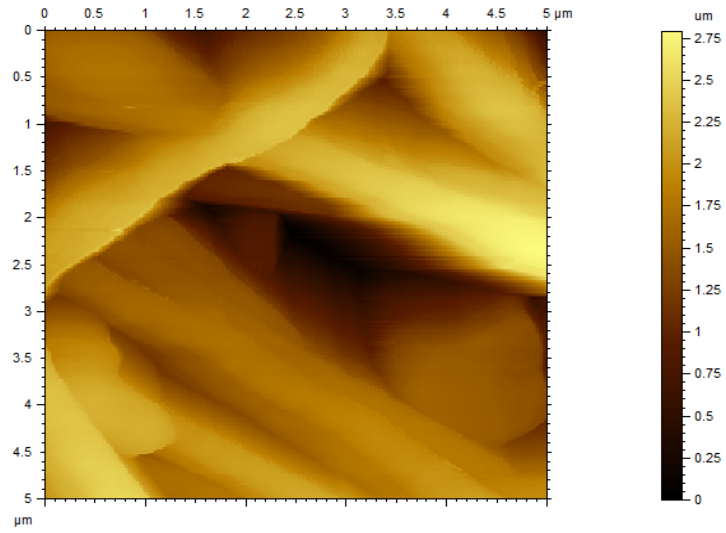


Fig. S2a : AFM images of surface topography for PVDF-PAN/MWNTs nanocomposites with 1.22 wt. % of MWNTs.

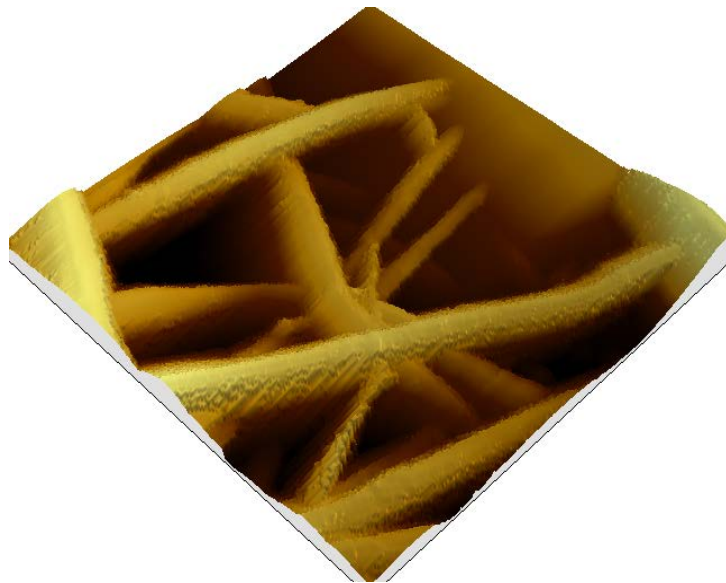


Fig. S2b : AFM images of three-dimensional surface for PVDF-PAN/MWNTs nanocomposites with 5.58 wt. % of MWNTs.

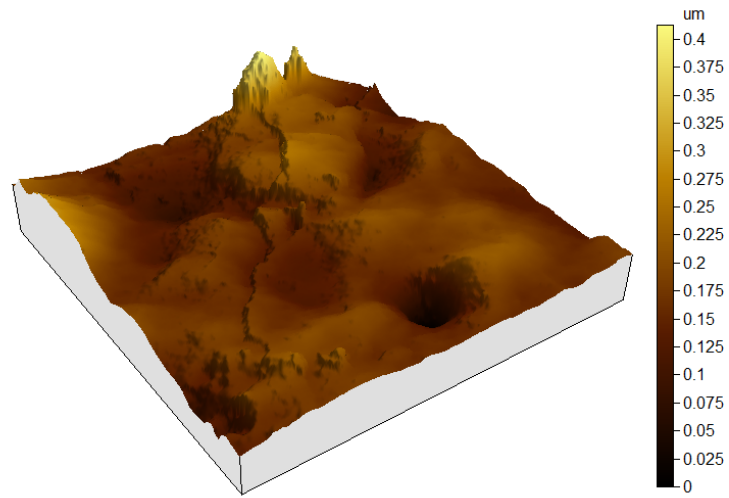


Fig. S2c : AFM images of three-dimensional surface for PVDF-PAN/MWNTs nanocomposites with 7.99 wt. % of MWNTs

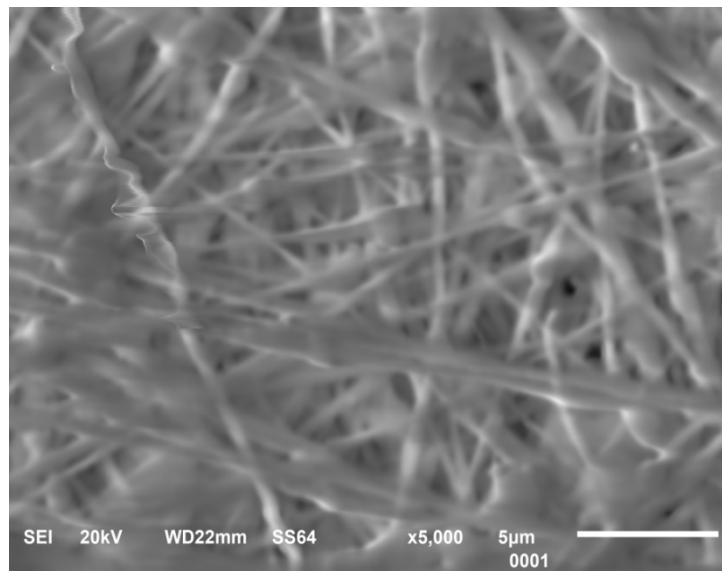


Fig. S3-a: SEM images of the PVDF-PAN-MWNT-COOH composite with 5.58 wt. % of MWNTs.

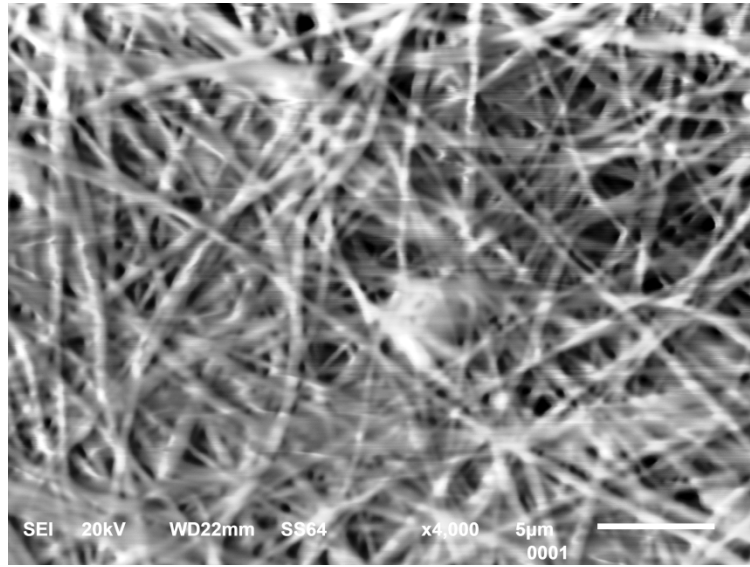


Fig. S3-b: SEM images of the PVDF-PAN-MWNT-COOH composite with 7.99 wt. % of MWNT.