

Electronic Supplementary Information

Directing the Growth of ZnO Nano Structures on Flexible Substrates Using Low Temperature Aqueous Synthesis

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Effect of plasma treatment on ZnO NWs grown on PES substrates

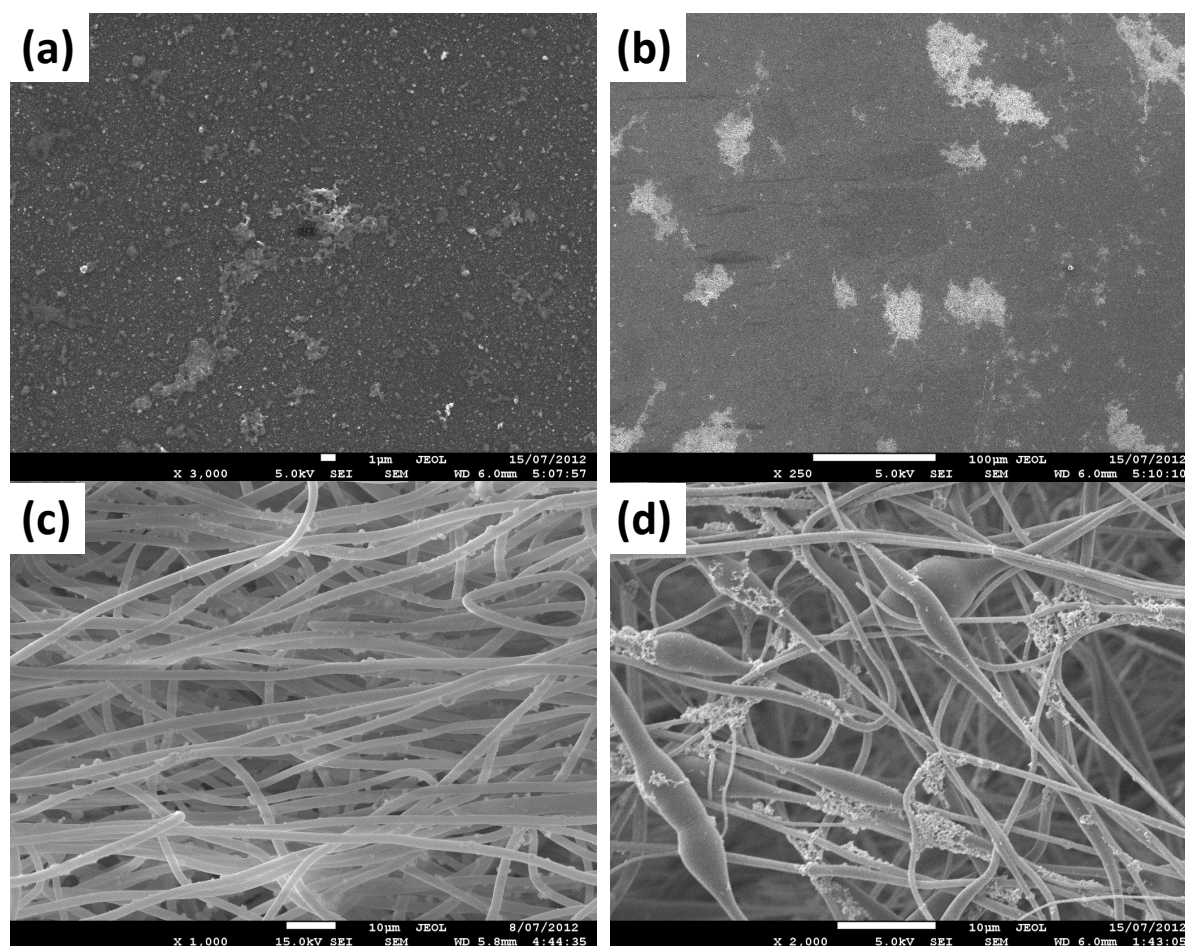


Fig S1 (a) five seed layer deposited on 2-D PES (b) five seed layer deposited on plasma treated 2-D PES. (c) One seed layer deposited on 3-D PES (d) One seed layer deposited on plasma treated 3-D PES.

Nanowalls water oxidation behaviour

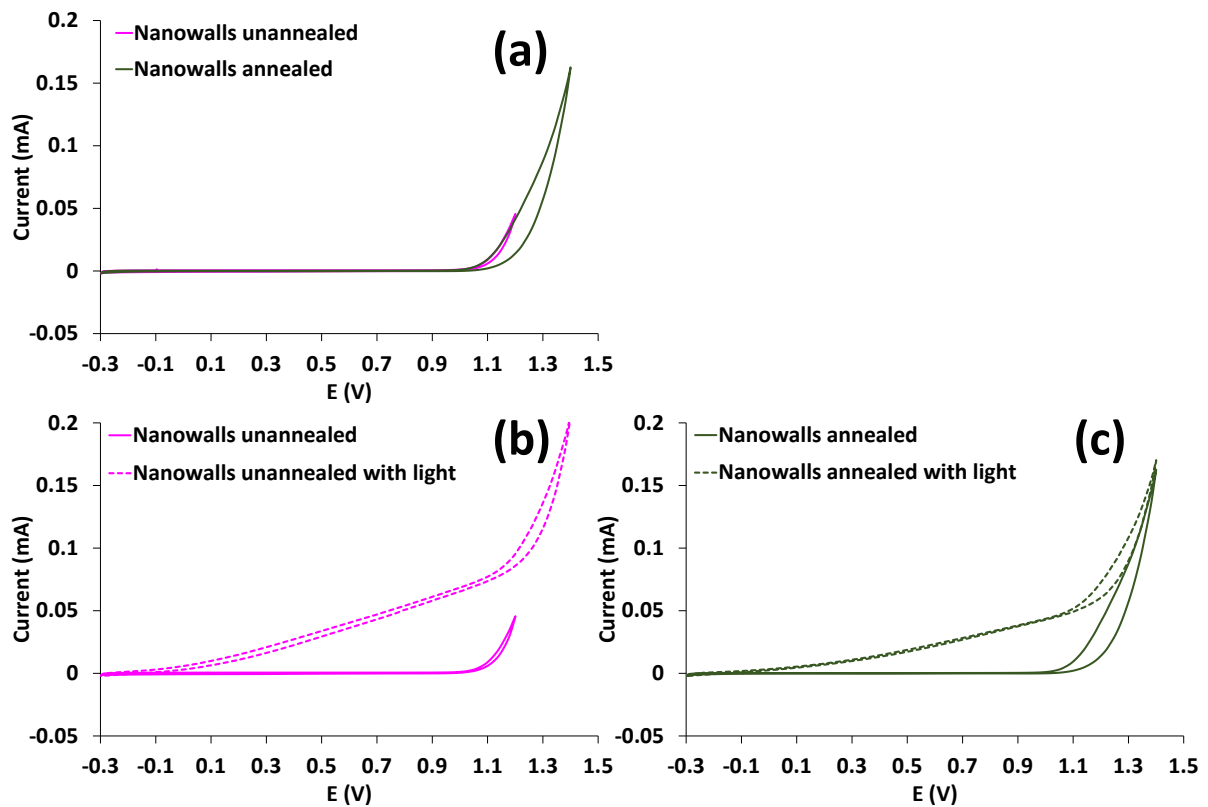


Fig S2 Water oxidation behaviour in 0.01 M KOH of the nanowalls produced using APS treatment route (Fig 5) (a) unannealed and annealed (b) unannealed with and without light (c) annealed with and without light.

XRD of the Nanowires on PES

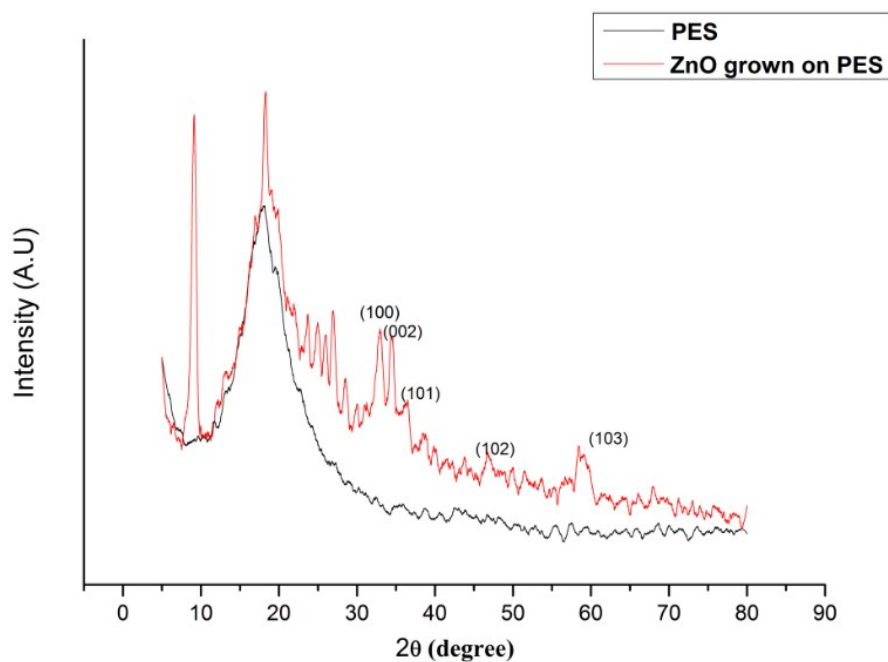


Fig S3 XRD of ZnO NWs on PES foil compared with XRD of the bare PES.