

Supplementary information:

Deposition of ultra sharp ZnO nanospikes array at room temperature over metallic, non-metallic, flexible carbon fabrics: Efficient field emitter

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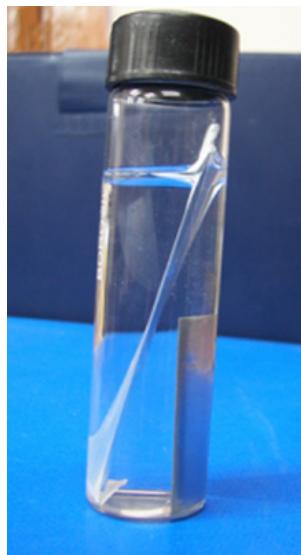


Fig. S1: Digital image of the deposition set up.

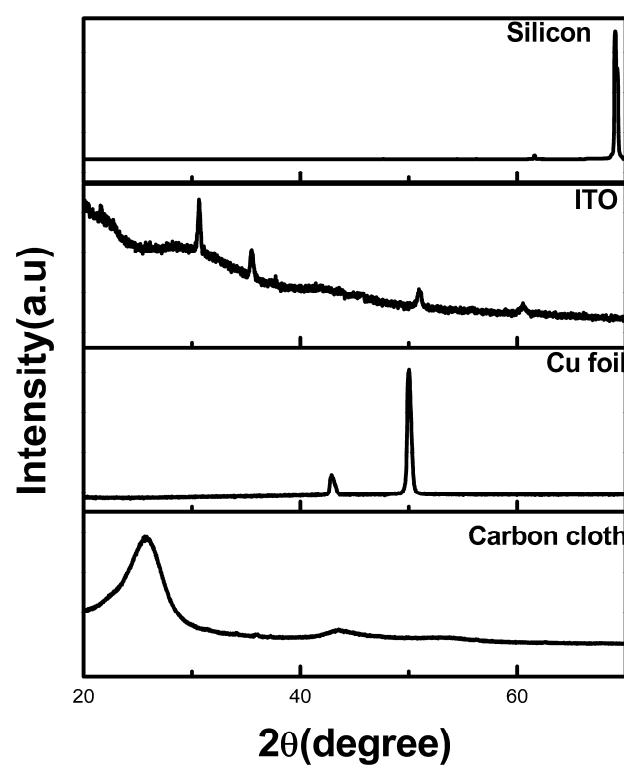


Fig. S2: XRD pattern of the bare substrate only.

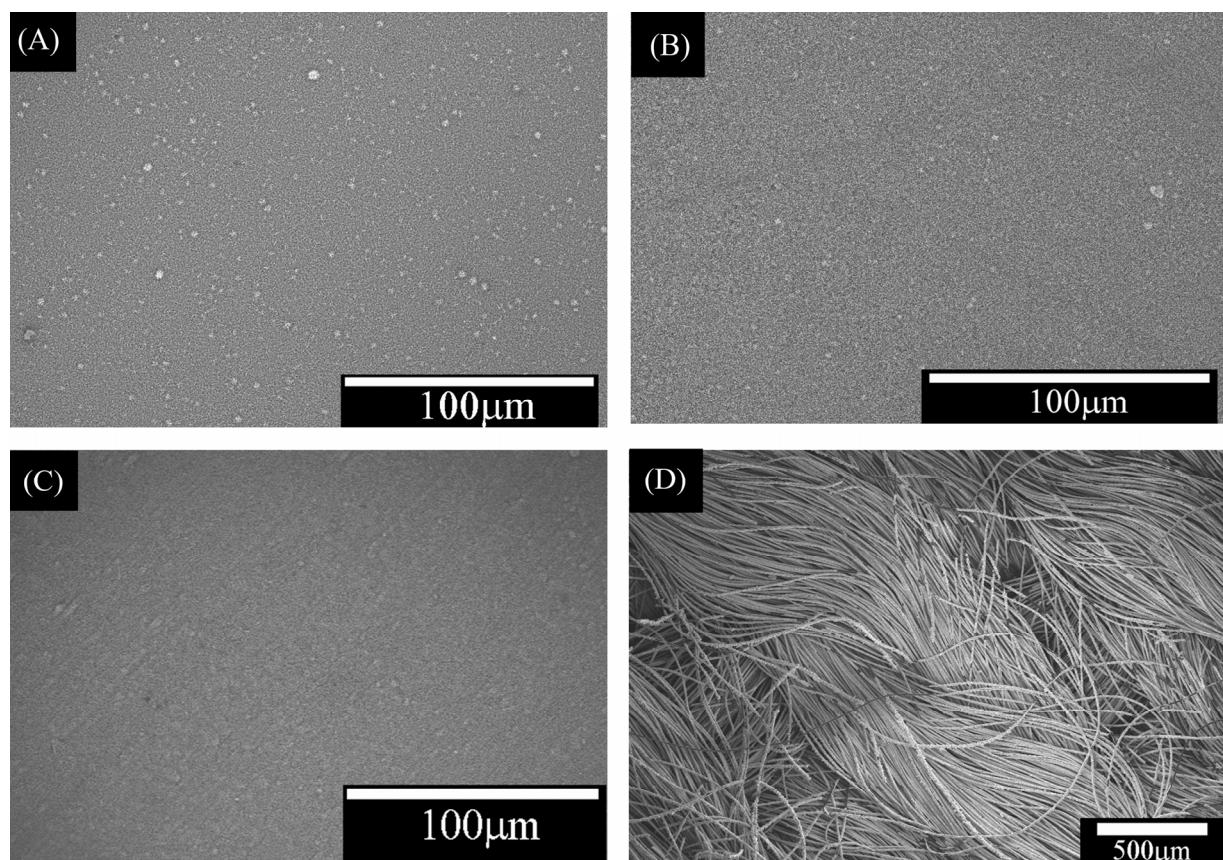


Fig. S3: Very low magnification FESEM image of the sample on (A) a-Si (B) a-ITO (C) a-Cu (D) a-carbon cloth.

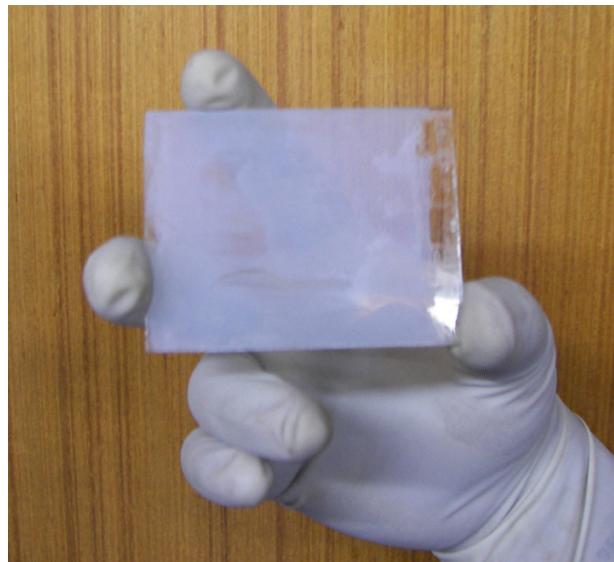


Fig. S4: Digital image of the film deposited on large glass substrate (6.5 cm x 5 cm)

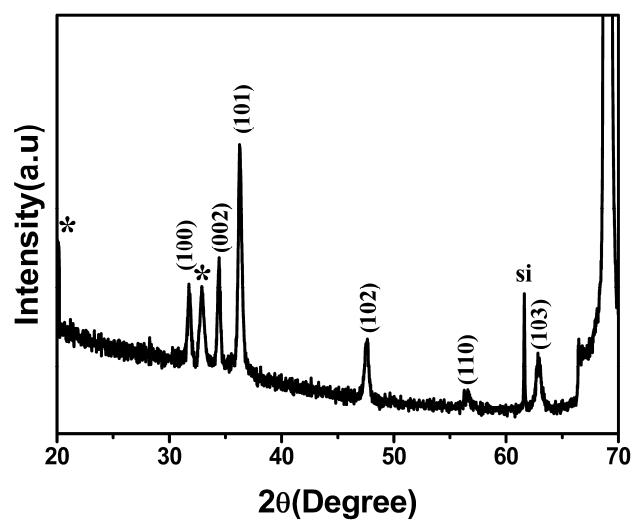


Fig. S5: XRD pattern of the sample deposited with low KOH (2.25g).

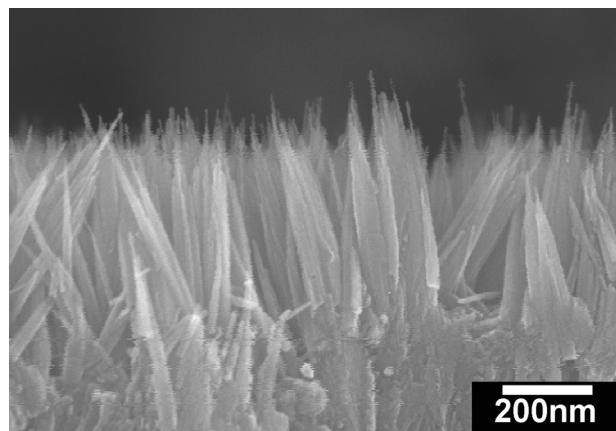


Fig. S6: ZnO spikes covering over zinc foil

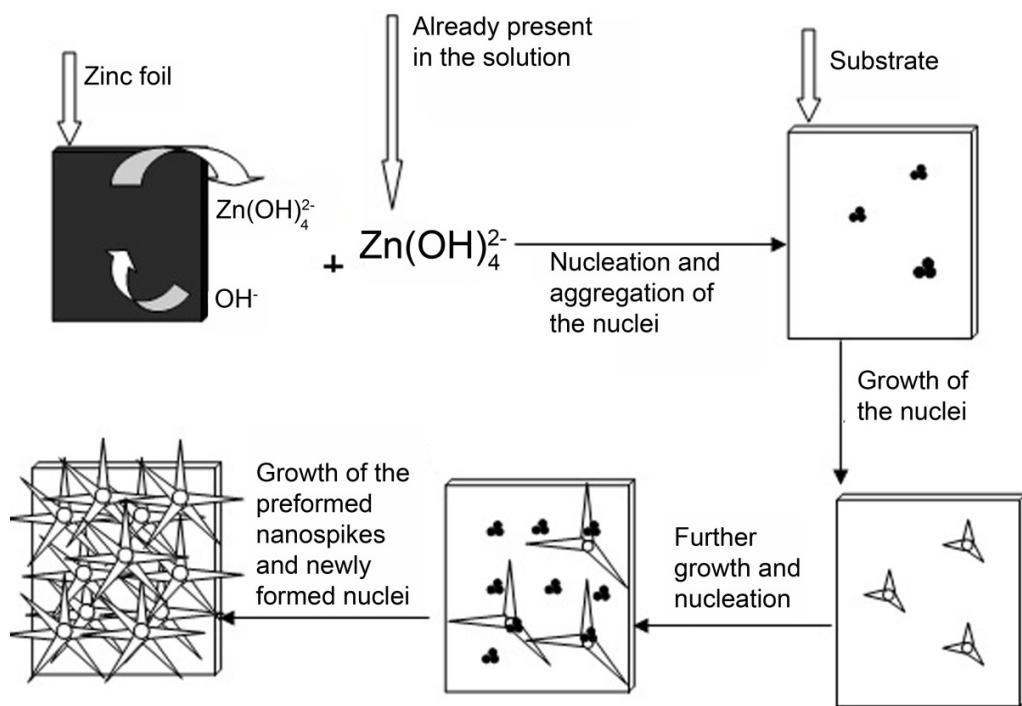


Fig. S7: Schematic of the growth mechanism