

## **Electronic Supplementary Information**

### **Self-assembling micro-sized materials to fabricate multifunctional hierarchical nanostructures on macroscale substrates**

Fig. S1. FWHM values of XRD diffraction peaks of ZnO nanoflowers synthesized at different precursor concentrations.

Fig. S2. FE-SEM image of PEI/(PSS/ZnO)<sub>3</sub> assembled at room temperature.

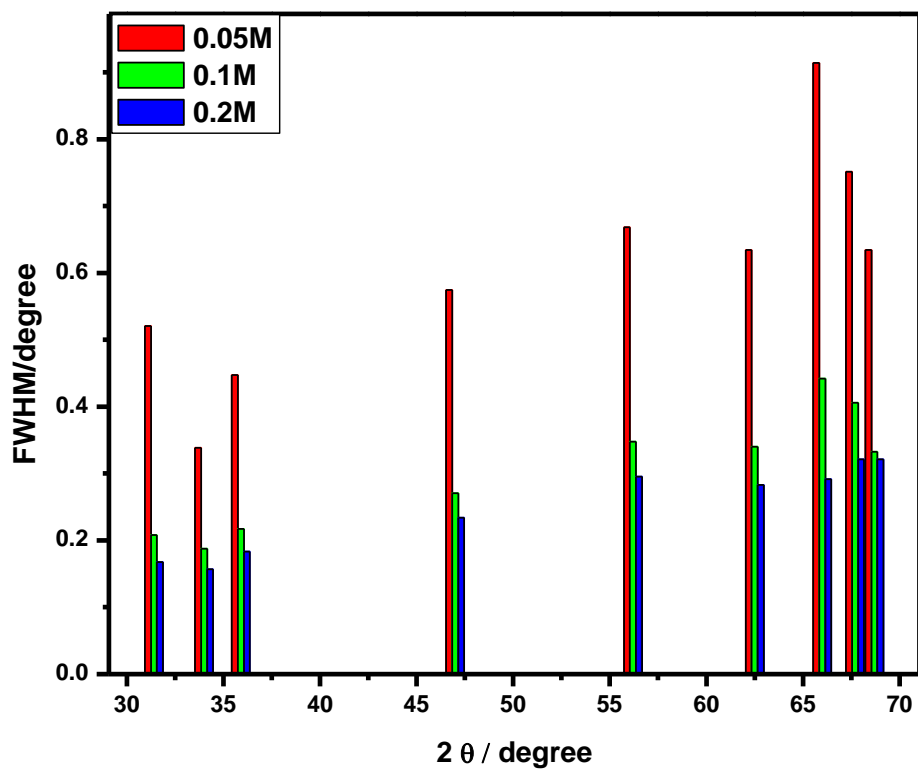


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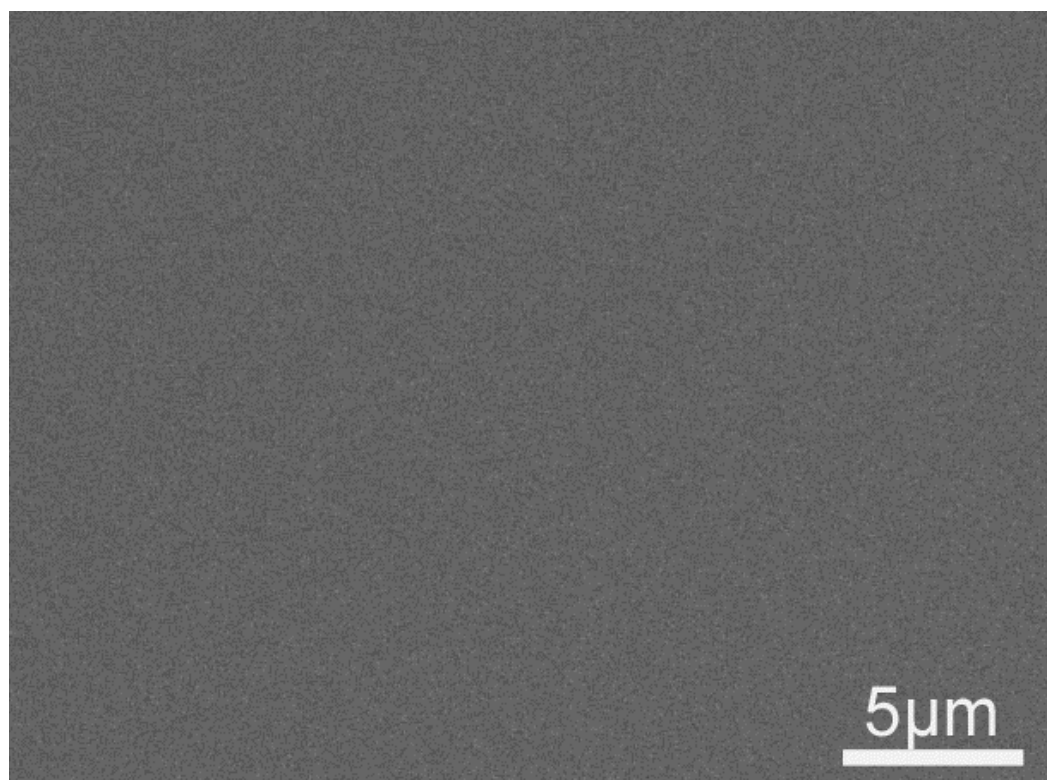


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