

Room-temperature solution-processed and metal oxide-free nano-composite for the flexible transparent bottom electrode of perovskite solar cells

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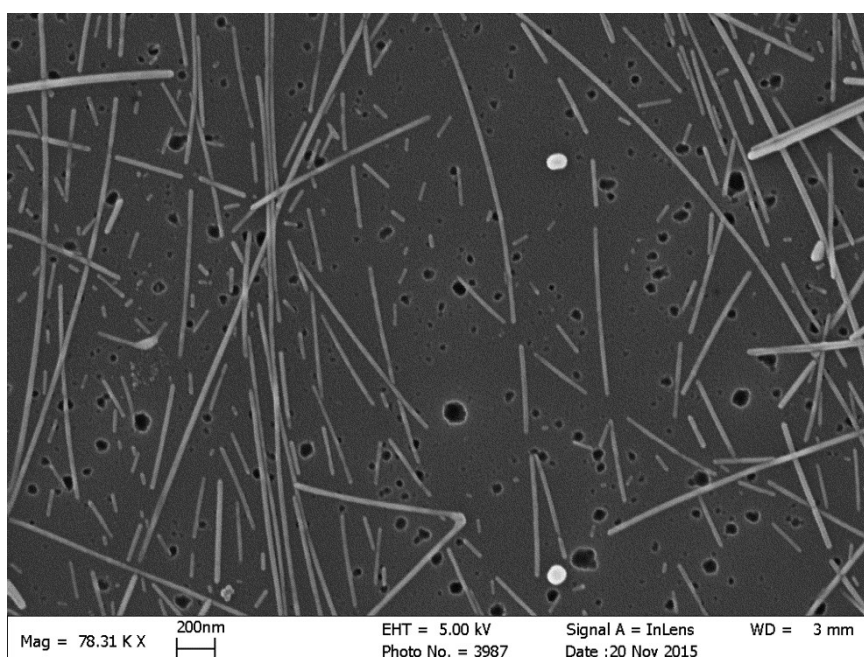


Figure S1. SEM image of silver nanowire electrode after spin-coating MAI solution (50 mg/ml in IPA), which was subsequently washed by IPA to remove excess MAI molecules.

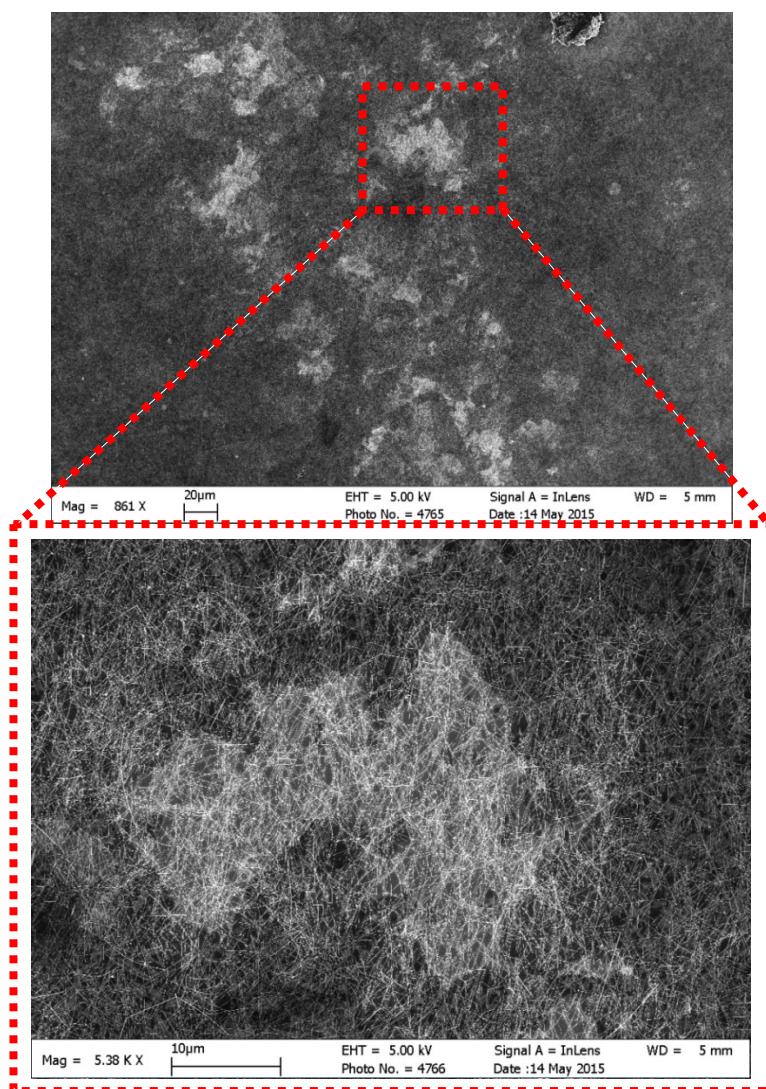


Figure S2. Large-scale SEM image of silver nano-network covered by 10 μL pristine GO solution (0.25 mg/mL), indicating the incomplete coverage of GO film on the electrode.

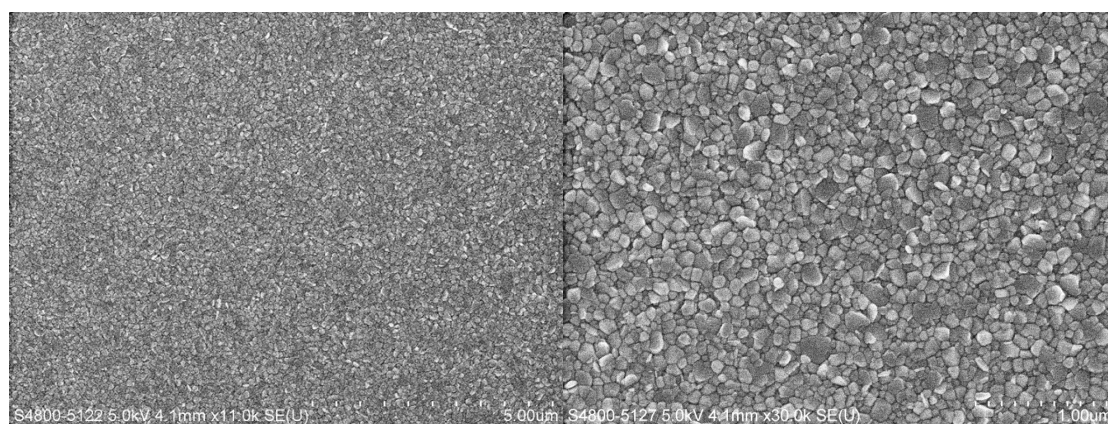


Figure S3. SEM images of the perovskite film with different magnification prepared on the nano-composite electrode.

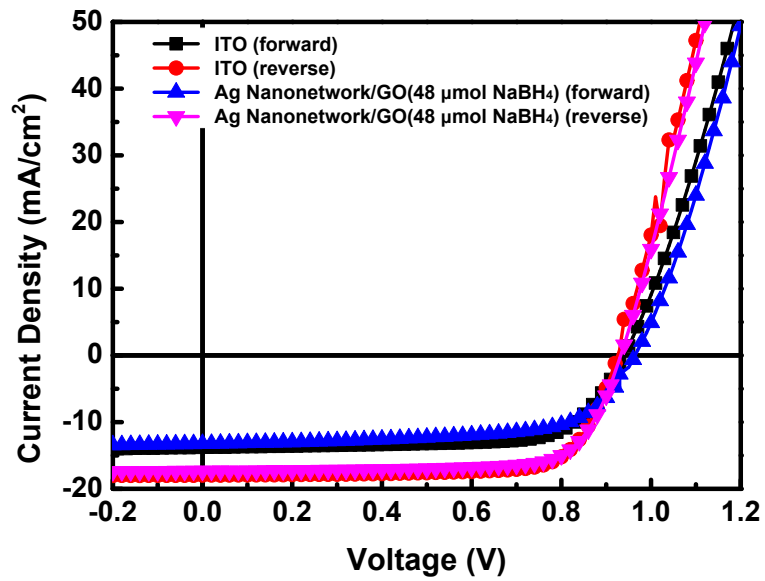


Figure S4. J-V curves of perovskite solar cells on the transparent electrodes of ITO and nano-composite electrode of Ag Nano-network/GO (48 $\mu\text{mol NaBH}_4$) measured under forward and reverse bias scanning.