

Supplementary Material

Synthesis of ZnO Flakes on Flexible Substrate and Its Application on Ethylene Sensing at Room Temperature

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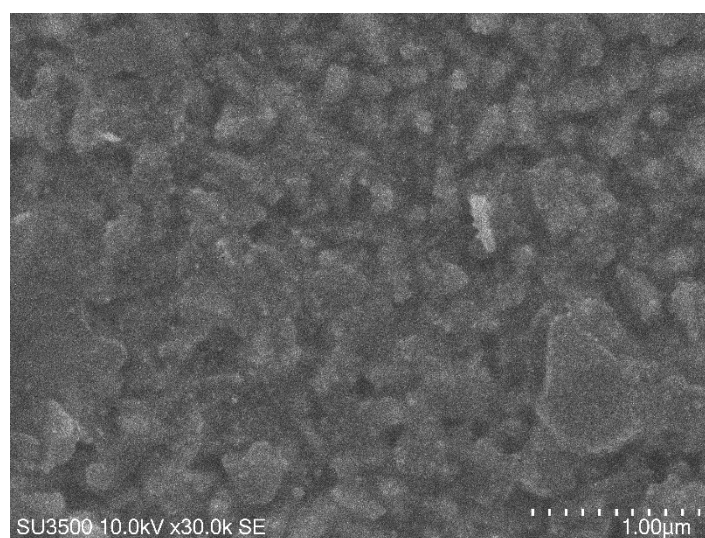


Figure S1. Morphological image of ZnO layer with the addition of 0.1 mM Ag. The white dots indicate Ag on the surface of ZnO layer.

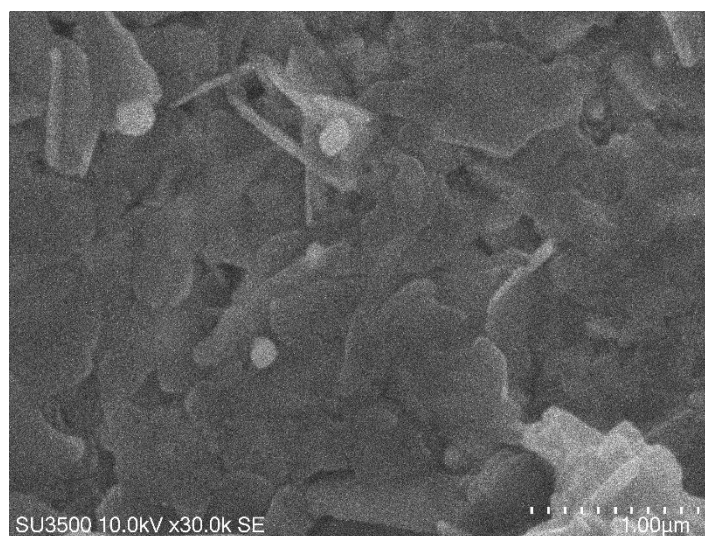


Figure S2. Morphological image of ZnO layer with the addition of 0.5 mM Ag. The white dots indicate Ag on the surface of ZnO layer.

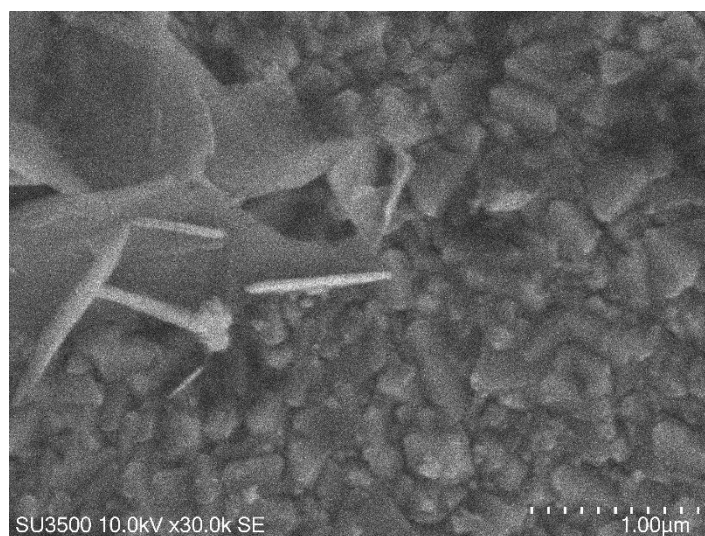


Figure S3. Morphological image of ZnO layer with the addition of 1 mM Ag. The white dots indicate Ag on the surface of ZnO layer.

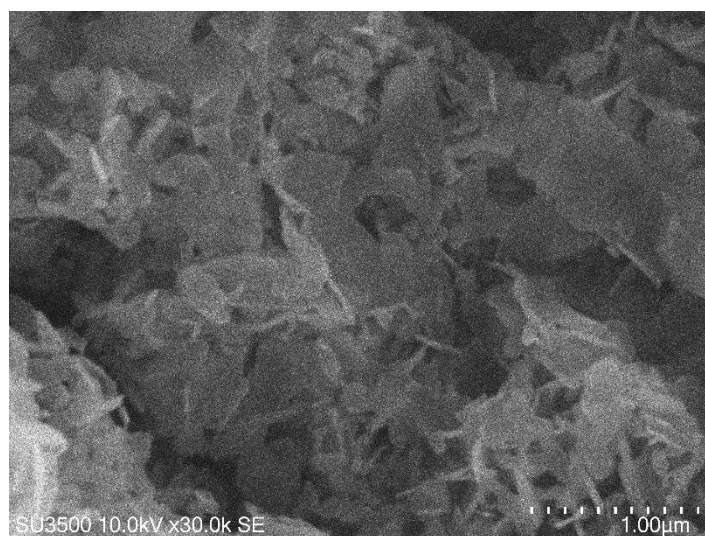


Figure S4. Morphological image of ZnO layer with the addition of 2 mM Ag. The white dots indicate Ag on the surface of ZnO layer.

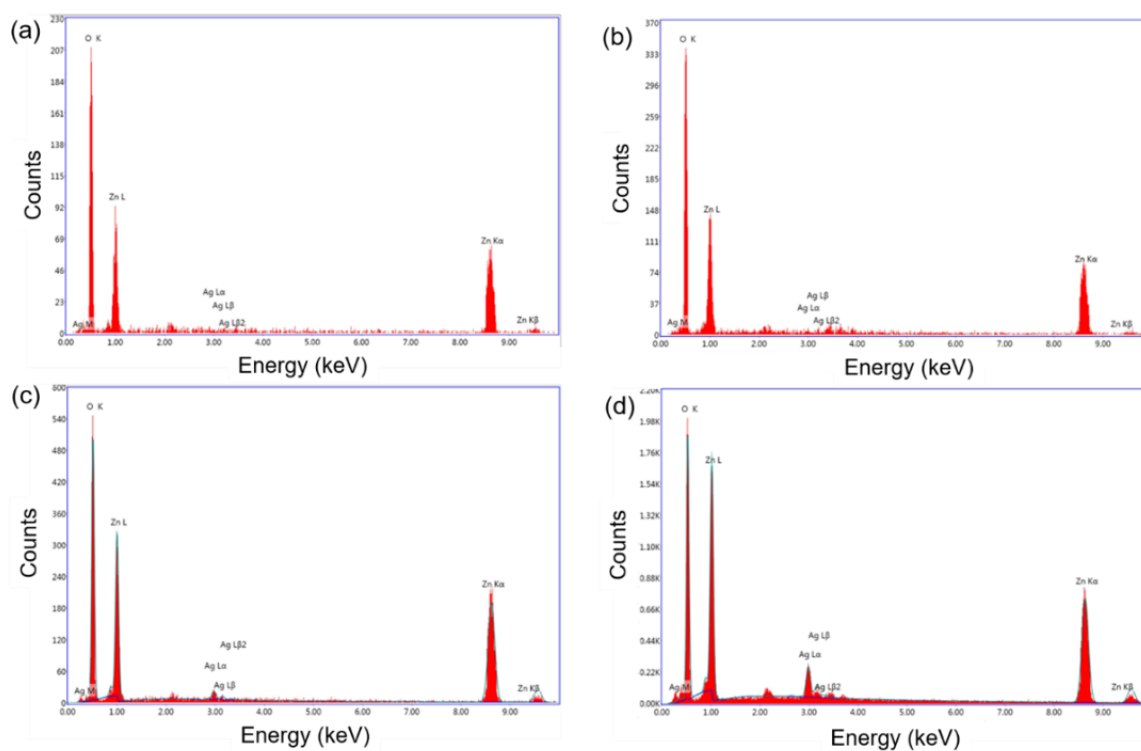


Figure S5. Energy-dispersive spectra for: (a) ZnO-Ag0.1; (b) ZnO-Ag0.5; (c) ZnO-Ag1; and (d) ZnO-Ag2.

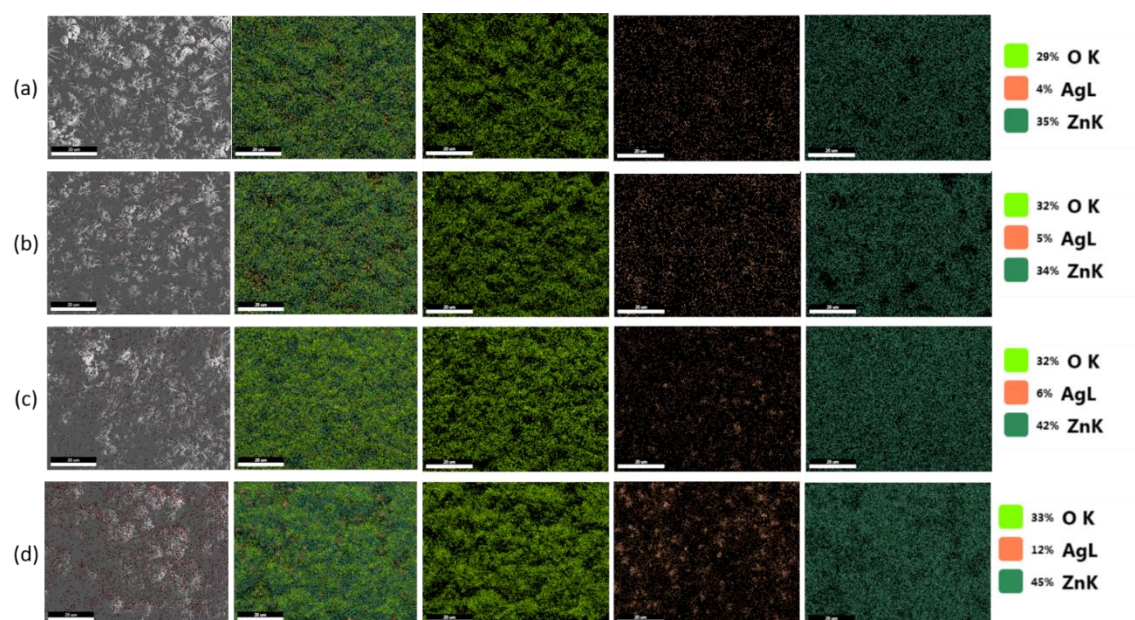


Figure S6. Elements distribution for: (a) ZnO-Ag0.1; (b) ZnO-Ag0.5; (c) ZnO-Ag1; and (d) ZnO-Ag2.