Synergy Effect of Au and SiO_2 Modification on SnO_2 Sensor Properties in VOCs Detection in Humid Air

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Supplementary Information

The phase composition of sensitive materials was analyzed by X-ray diffraction on a DRON-4 diffractometer using monochromatic CuKα radiation (λ = 1.5406 Å) in the range of 2θ = 5–60° with 0.1° increment.

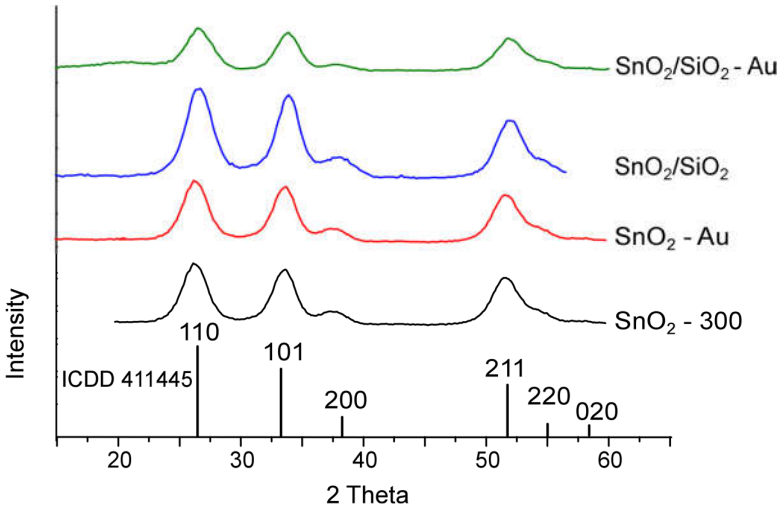

Figure S1. XRD patterns of nanocrystalline SnO_2-300, SnO_2-Au, SnO_2/SiO_2 and SnO_2/SiO_2 – Au.