

Fig. S1

Fig. S1 The TG and DTG traces of the scratched films with post synthetic water vapour hydrothermal treatment.

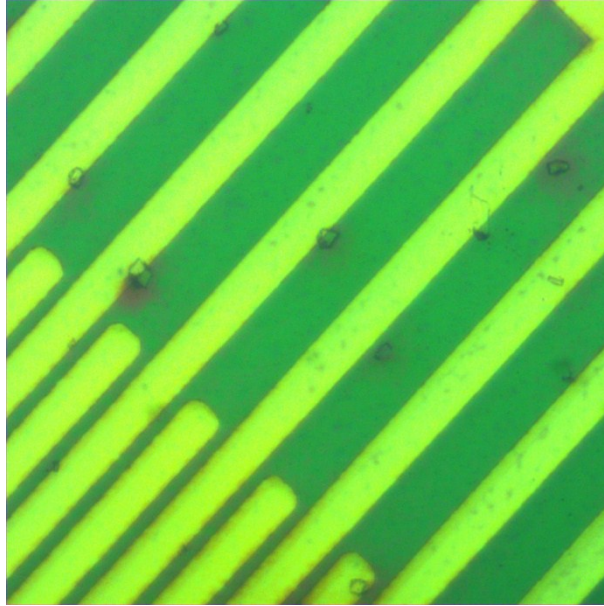


Fig. S2

Fig. S2 Microscope image of the interdigital sensor devices with ordered nanoporous Pt doped SnO₂ thin film.

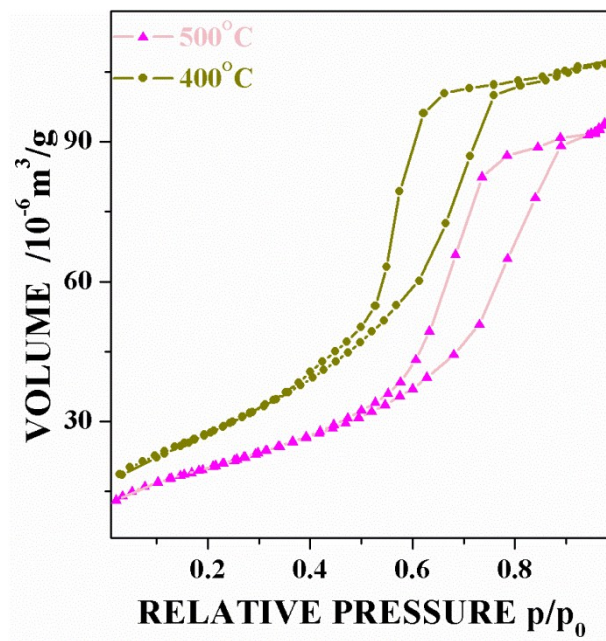


Fig. S3

Fig. S3 N₂ adsorption/desorption isotherms for nanoporous Pt-SnO₂ thin films after 400°C and 500°C anneal.