

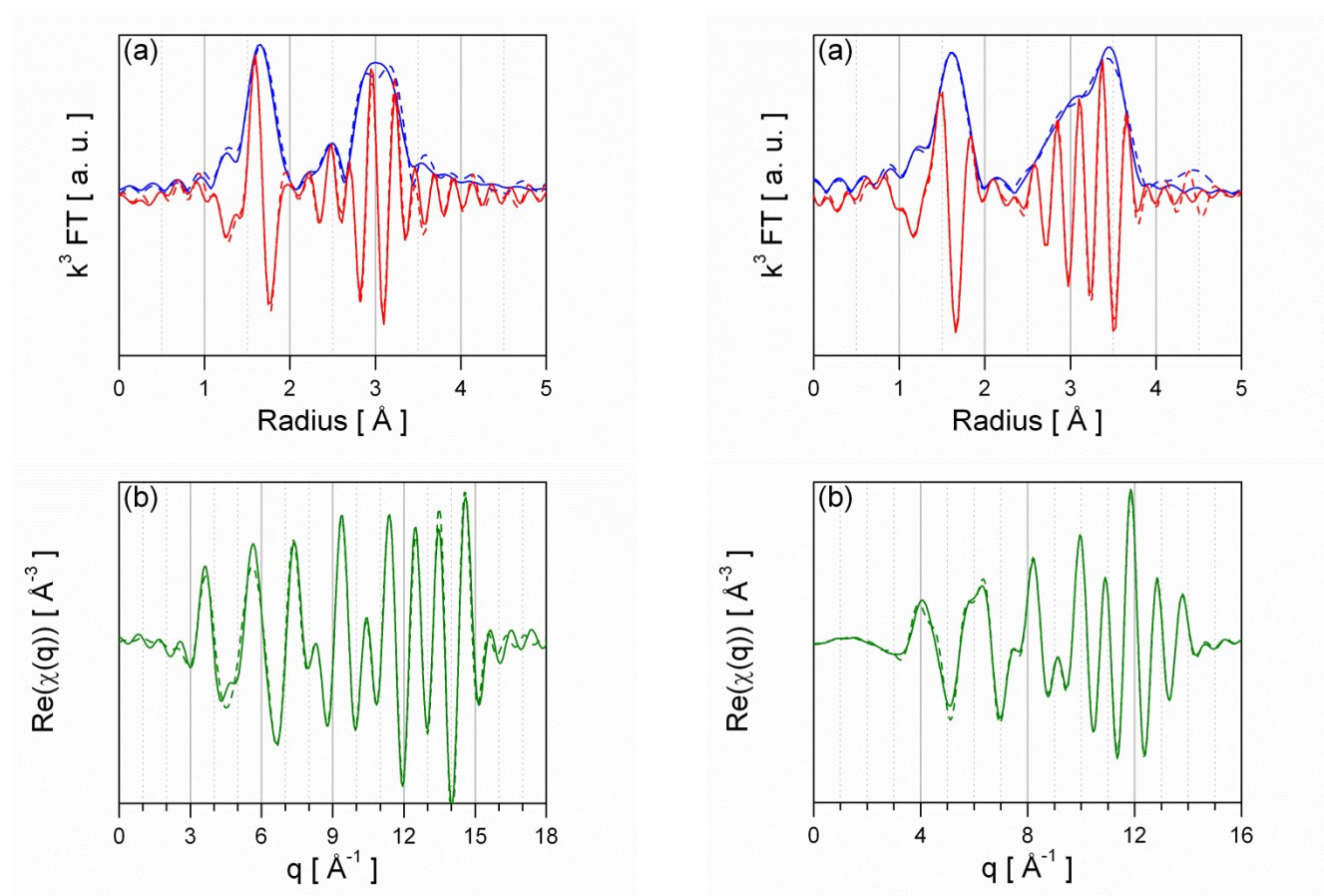
Structure and chemistry of surface-doped Pt:SnO₂ gas sensing materials

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ESI 1 – EXAFS fit (a) and (b) PtO₂ (data = dashed, straight line = fit)

ESI 2 – EXAFS fit (a) and (b) SnO₂ (data = dashed, straight line = fit)

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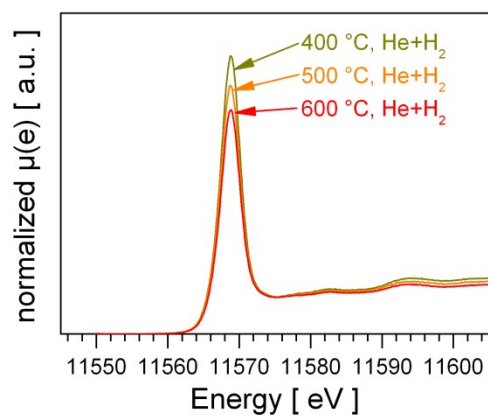
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ESI 3 - TPR-XANES spectra recorded from Pt:SnO₂ GI sensor in 2 % vol. H₂ in He at 400, 500 and 600 °C. The raw data was taken from reference 25 of the main manuscript and treated in the same way as the data shown in in figure 4.