

Supporting Information of

Mesoporous ZnO thin films obtained from molecular layer deposited “zincones”

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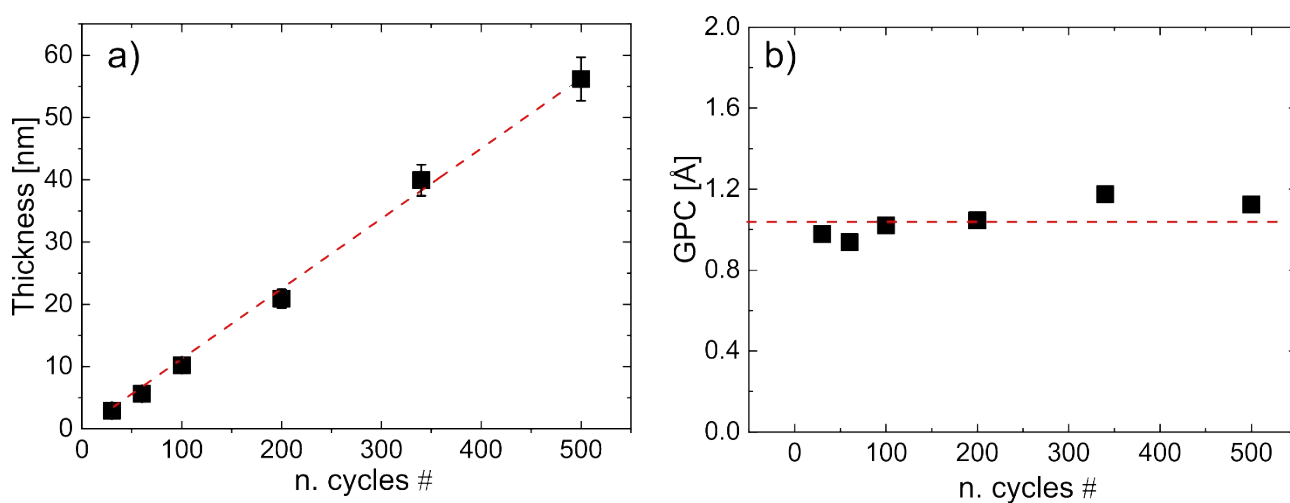


Figure S1. a) thickness vs. n. of cycles for the MLD zincone layer; b) the GPC as a function of the number of cycles. The linearity of the growth is shown up to 500 cycles.

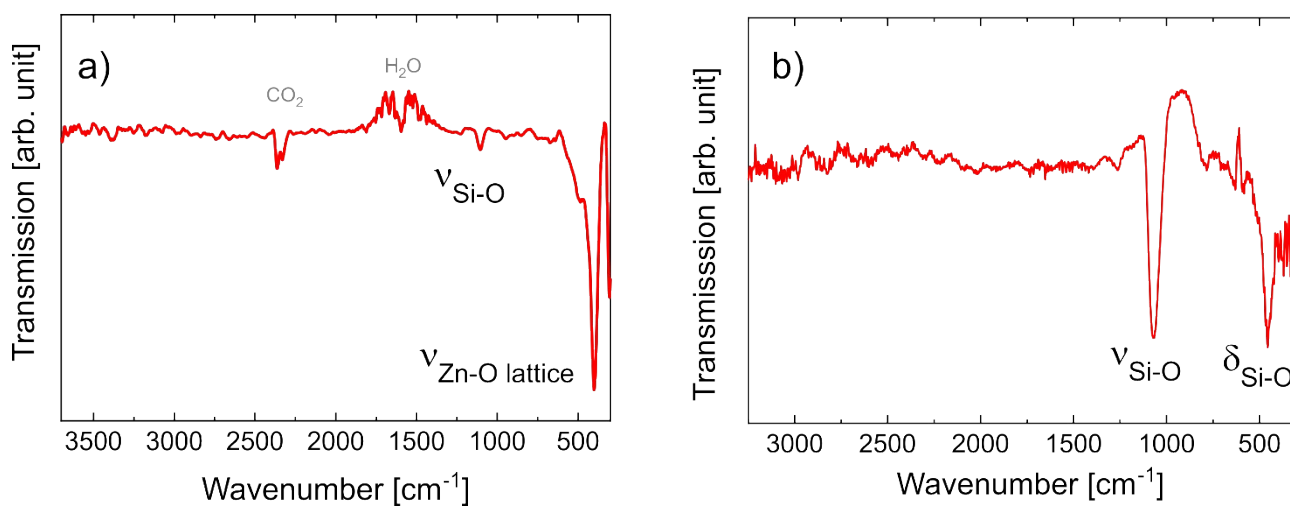


Figure S2. FT-IR spectra of a) 32-nm-thick zincone layer after calcination at 400 °C; b) bare *c*-Si substrate after calcination at 600 °C.

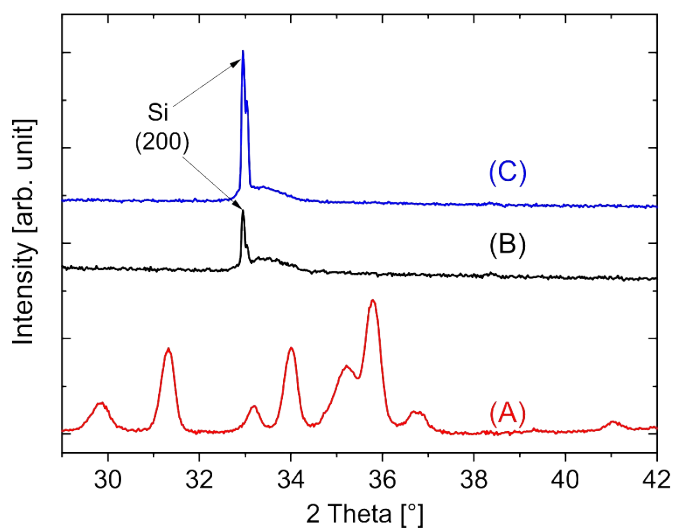


Figure S3. XRD scan for A) Sample stage, B) Si wafer with 1.3 nm native oxide, C) Zincone film before heating (amorphous film).

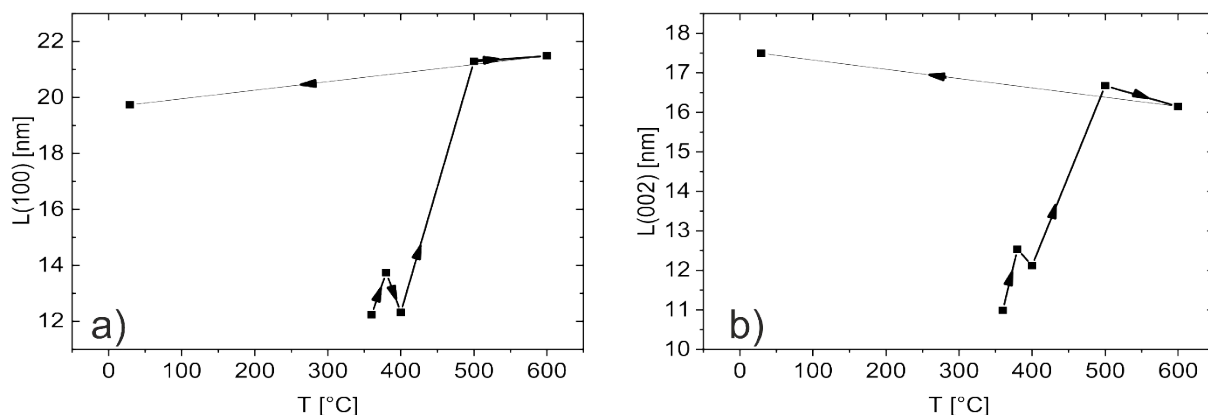


Figure S4. Growth of the 100 and 002 crystallites during the calcination of the zincone layer. Also the value after calcination at room temperature is reported.