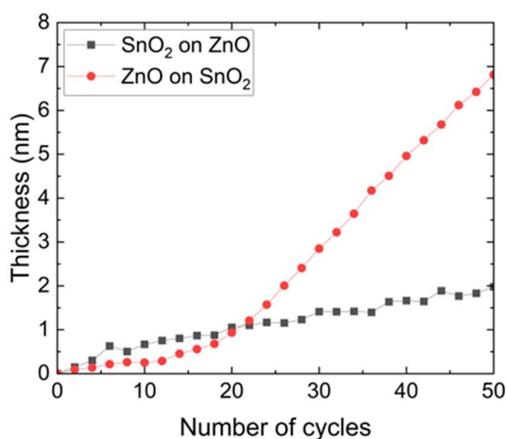


Supplementary Information:

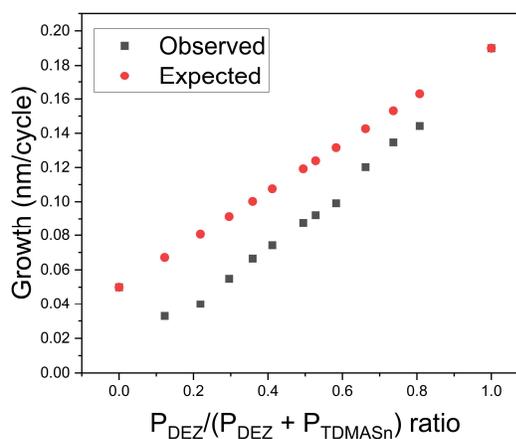
Spatial ALD of ZnSnO by Co-Dosing and Supercycles: The Role of Persistent Ligands

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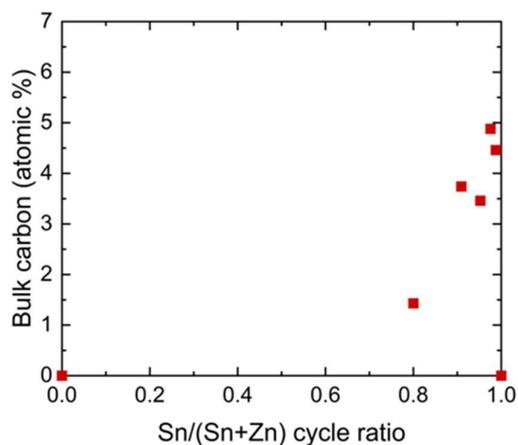
¹Eindhoven University of Technology



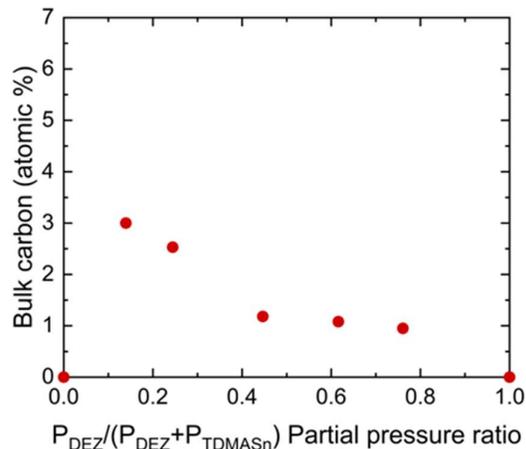
a. In-situ ellipsometry showing ZnO on SnO₂ has a nucleation delay of 10 cycles



b. Growth per cycle vs partial pressure ratio of precursors for the codosed ZTO films



c. ZTO films by supercycle approach showing bulk carbon contamination against the supercycle ratio



d. ZTO films consistently showing bulk carbon contamination for codosed films deposited by varying the partial pressure of the precursors

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