

Precursor method for the synthesis of highly dispersed ZrO₂ doped with scandium

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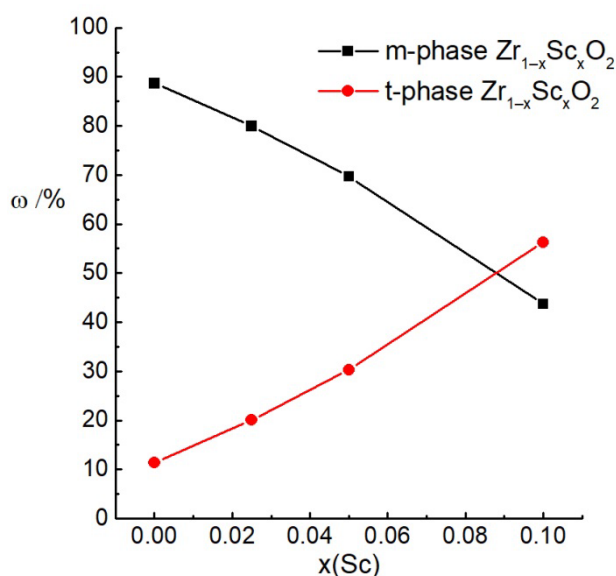


Figure S1. Fraction of m-phase and t-phase as function of Sc concentration in Zr_{1-x}Sc_xO_{2-δ}.

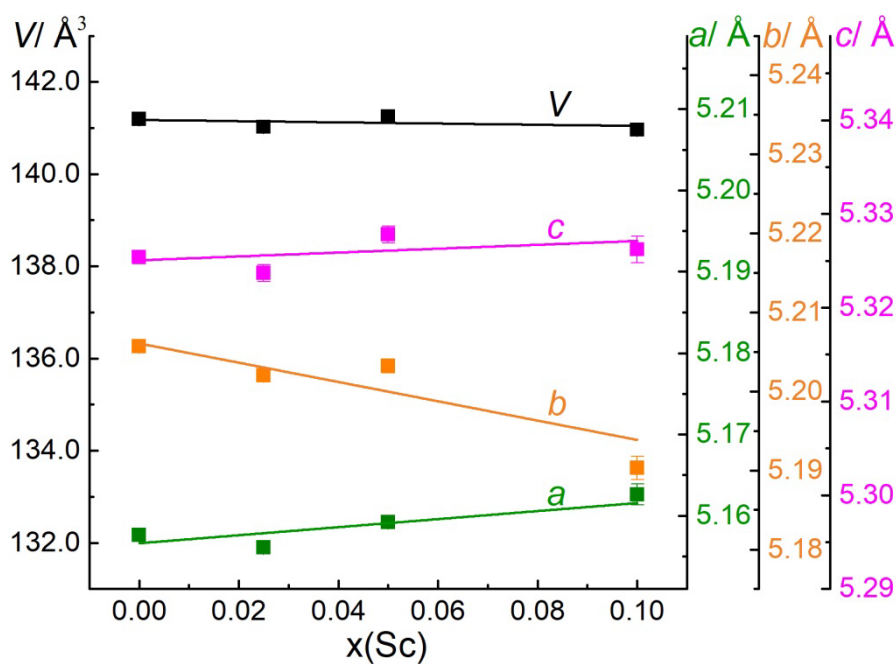


Figure S2. Lattice parameters vs. Sc concentration for m-phase Zr_{1-x}Sc_xO_{2-δ}.

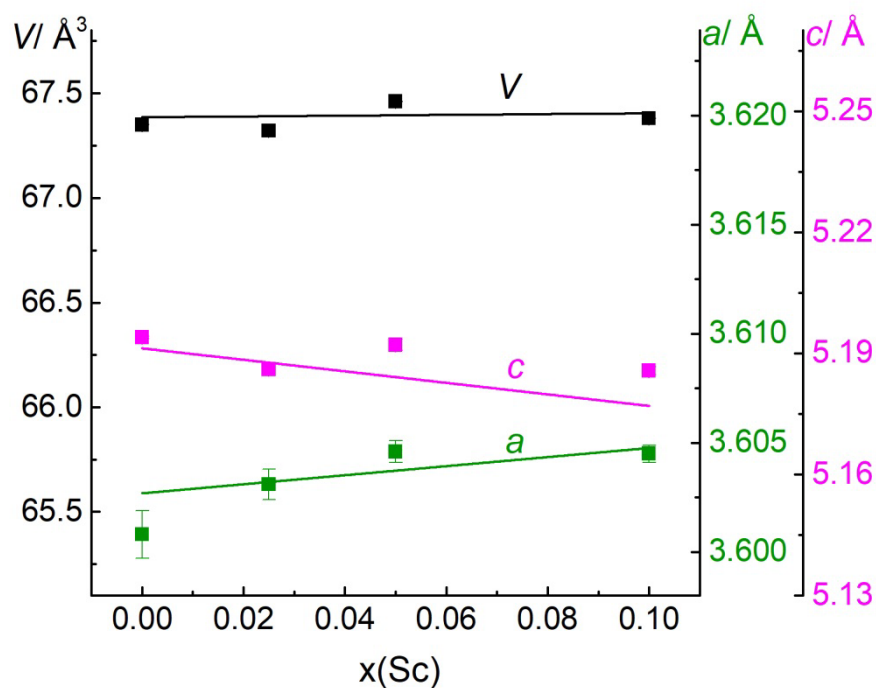


Figure S3. Lattice parameters vs. Sc concentration for t-phase $\text{Zr}_{1-x}\text{Sc}_x\text{O}_{2-\delta}$.

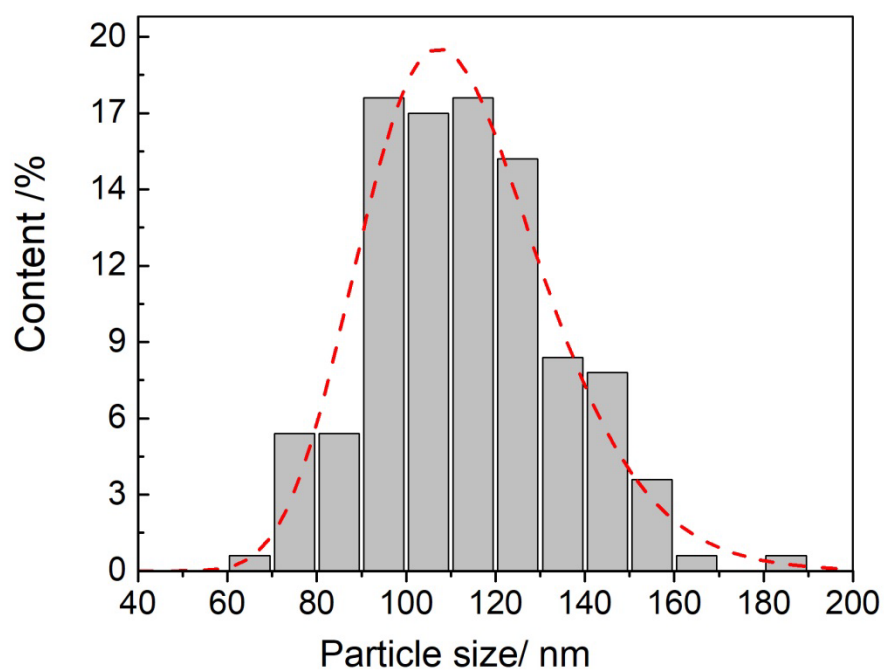


Figure S4. Size distribution histogram with log-normal fitting (dotted line) for the crystallites of $\text{Zr}_{0.95}\text{Sc}_{0.05}\text{O}_{2-\delta}$.

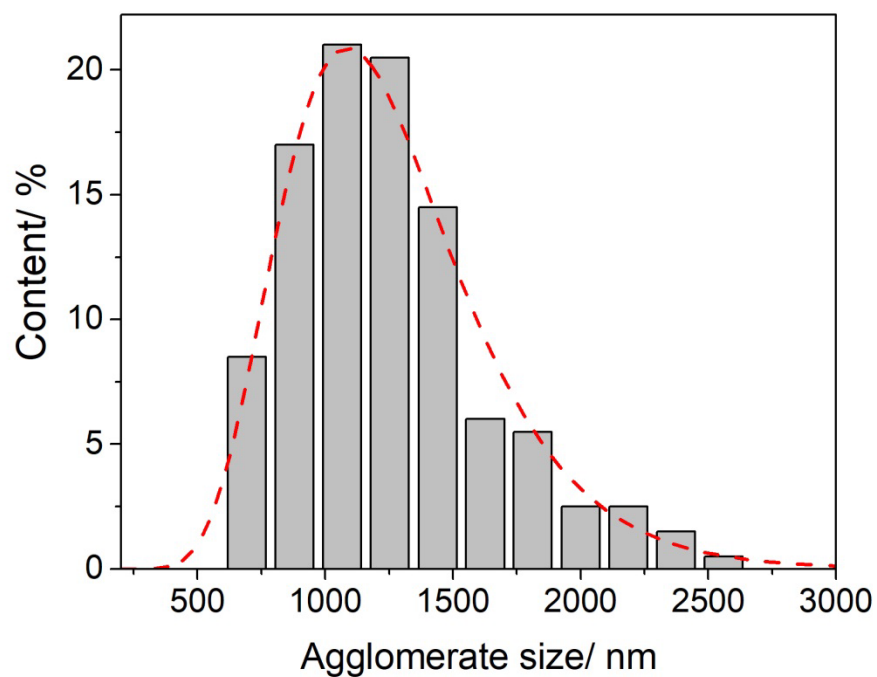


Figure S5. Size distribution histogram with log-normal fitting (dotted line) for the agglomerates of $\text{Zr}_{0.95}\text{Sc}_{0.05}\text{O}_{2-\delta}$.