Electronic Supporting Information (ESI) for:

Phase-selective Microwave Synthesis and Inkjet Printing Applications of Zn_2SnO_4 (ZTO) Quantum Dots

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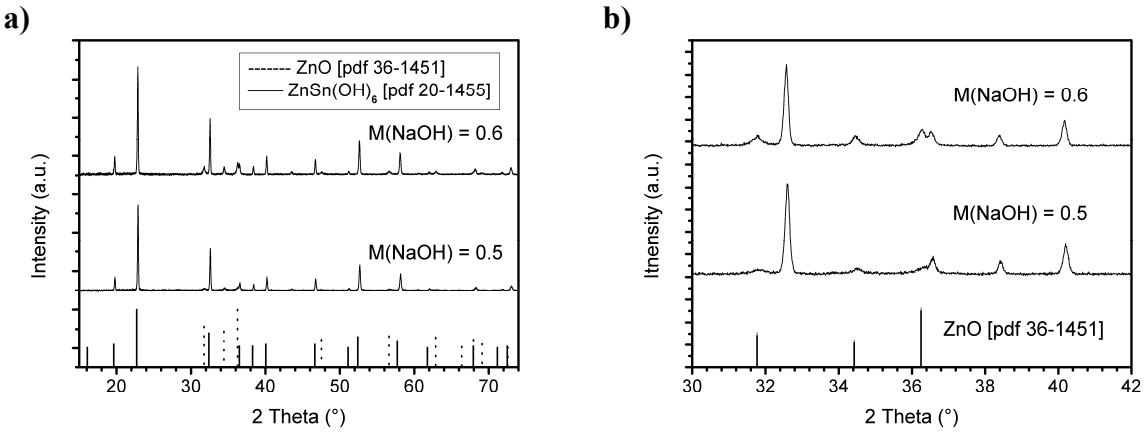

Figure S1. a) XRD patterns of samples synthesized with high alkaline concentrations. b) Magnified section of a).

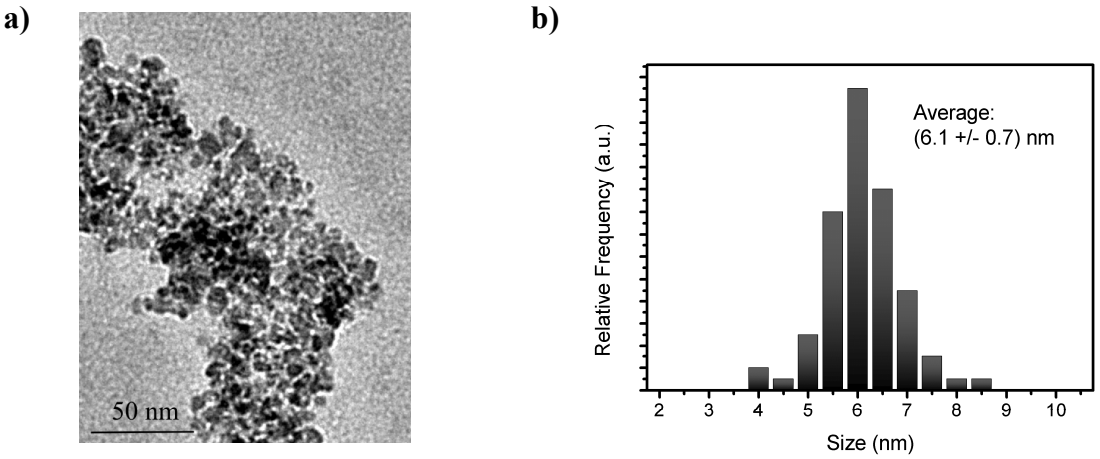

Figure S2. a) Low magnification TEM image of Zn_2SnO_4 nanoparticles. b) Histogram of the size distribution (115 particles were counted).

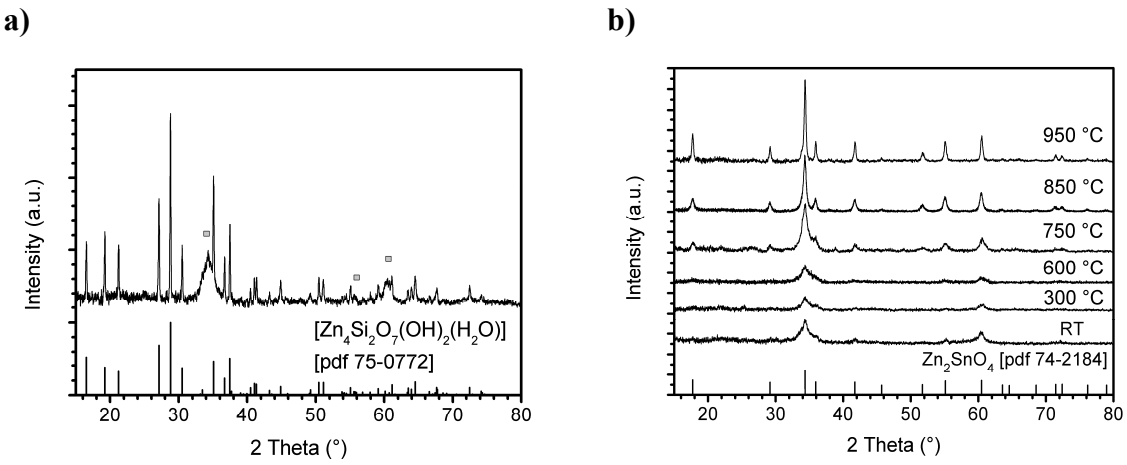

Figure S3. a) XRD patterns of samples synthesized with 180 min microwave irradiation (squares signify Zn_2SnO_4). b) XRD patterns of samples annealed at different temperatures.

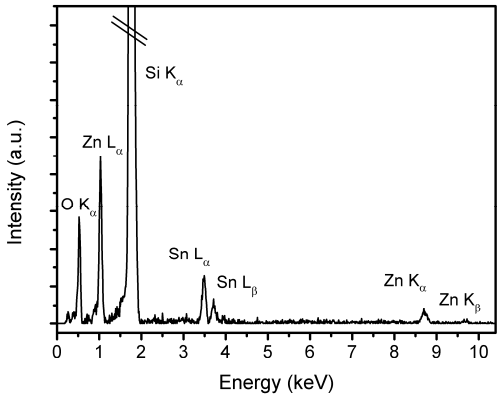

Figure S4. EDX analysis of the as-synthesized Zn_2SnO_4 nanostructures. All observed peaks can be attributed to Zn_2SnO_4. The Si-K_α peak at around 1.74 eV arises from the probe preparation (Zn_2SnO_4 powder on Si-wafer).