

Electronic Supplementary Information

Influence of La-doping on phase transformation and photocatalytic properties of ZnTiO_3 nanoparticles synthesized via modified sol-gel method

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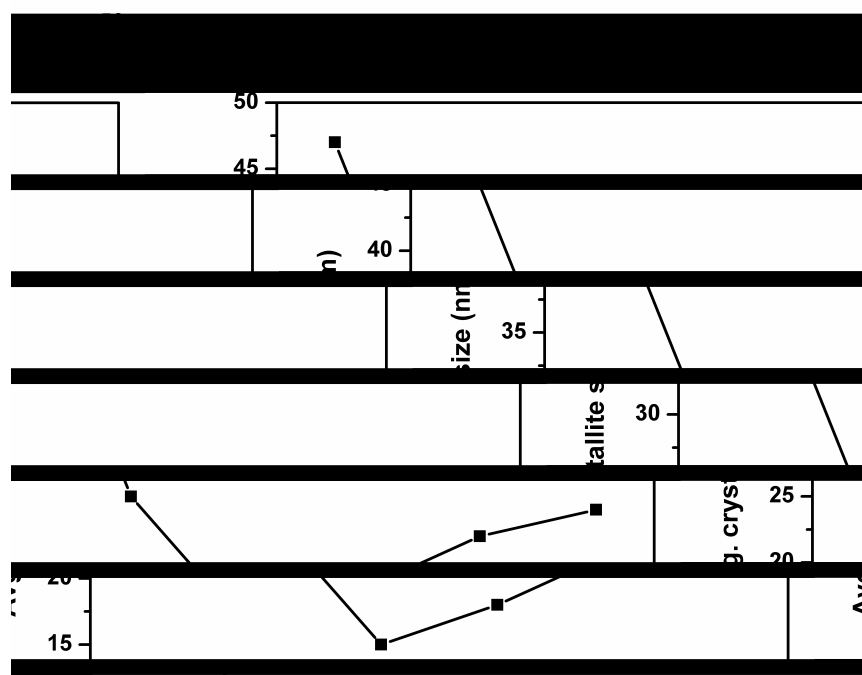


Fig. S1 The average crystallite size as a function of La content for non-doped and La-doped ZnTiO_3 nanoparticles calcined at 800 °C for 3 h

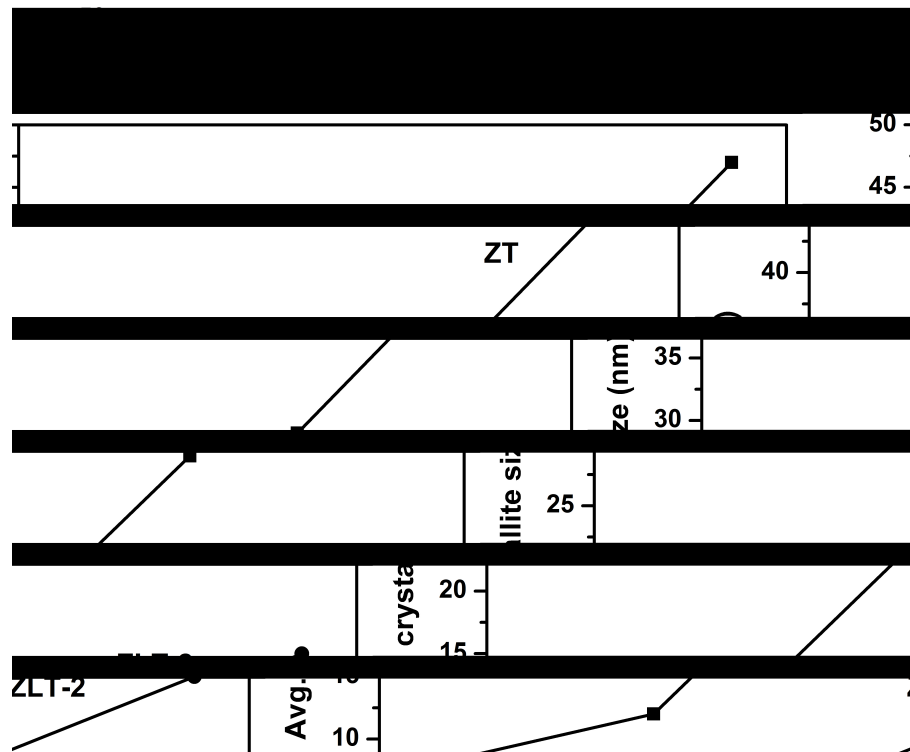


Fig. S2 The average crystallite size as a function of different calcined temperatures for non-doped and La-doped ZnTiO_3 (ZLT-2) samples.

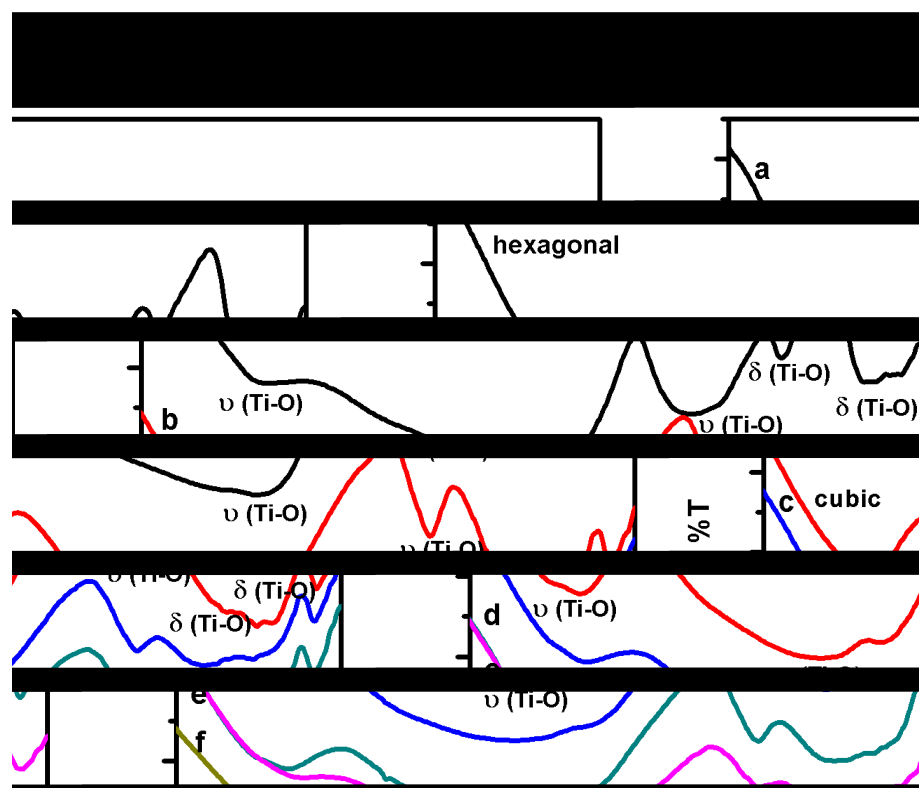


Fig. S3 The reduced scale FT-IR patterns of the synthesized non-doped and La-doped ZnTiO_3 nanoparticles: a) ZT b) ZLT-1 c) ZLT-2 d) ZLT-3 e) ZLT-4 and f) ZLT-5.

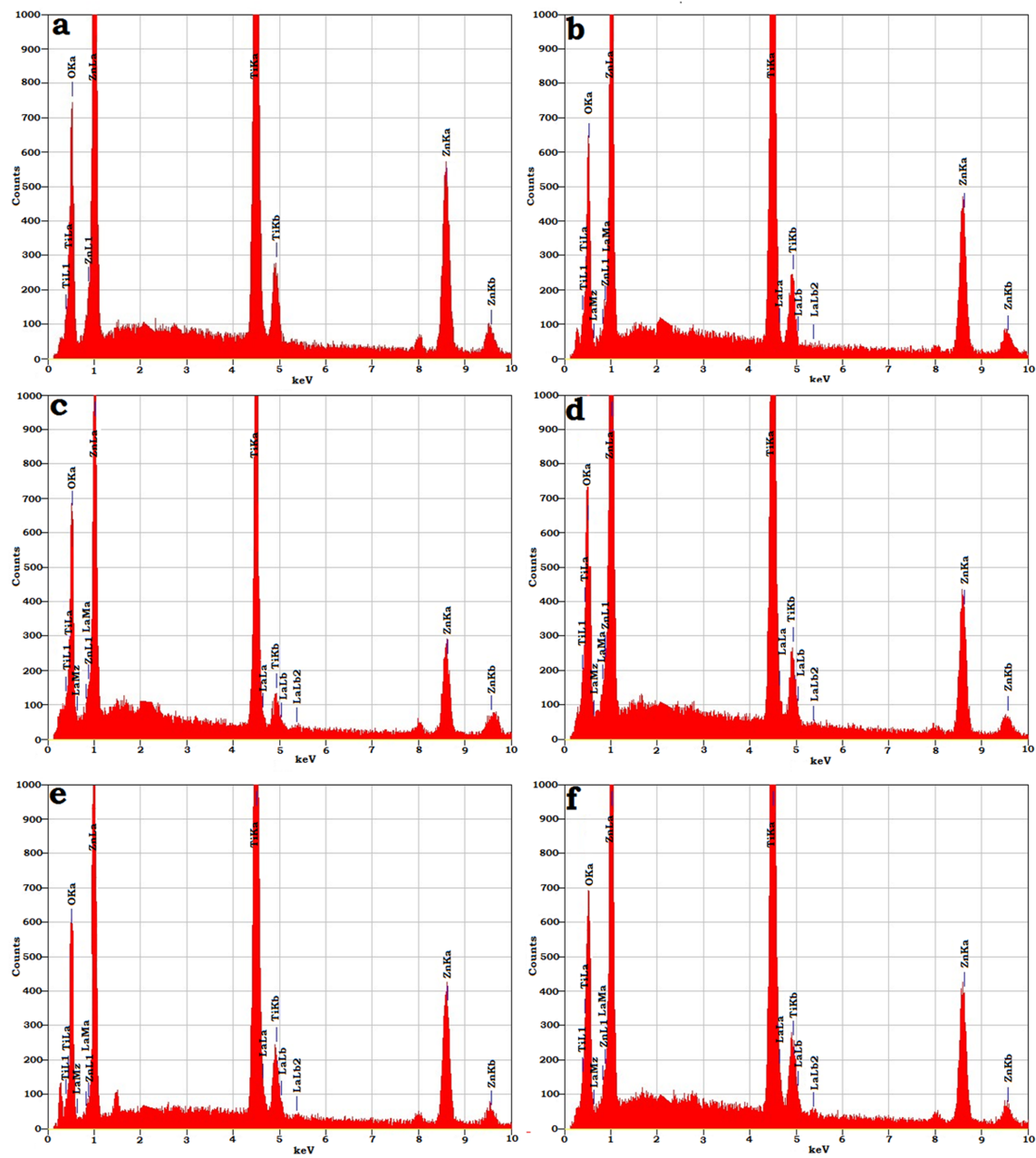


Fig. S4 EDS patterns of the synthesized non-doped and La-doped ZnTiO₃ nanoparticles: a) ZT
b) ZLT-1 c) ZLT-2 d) ZLT-3 e) ZLT-4 and f) ZLT-5.