

Supplementary Information

Structure and Catalytic activity of Cr doped BaTiO₃ Nano catalysts Synthesized by Conventional Oxalate and Microwave Assisted Hydrothermal Methods.

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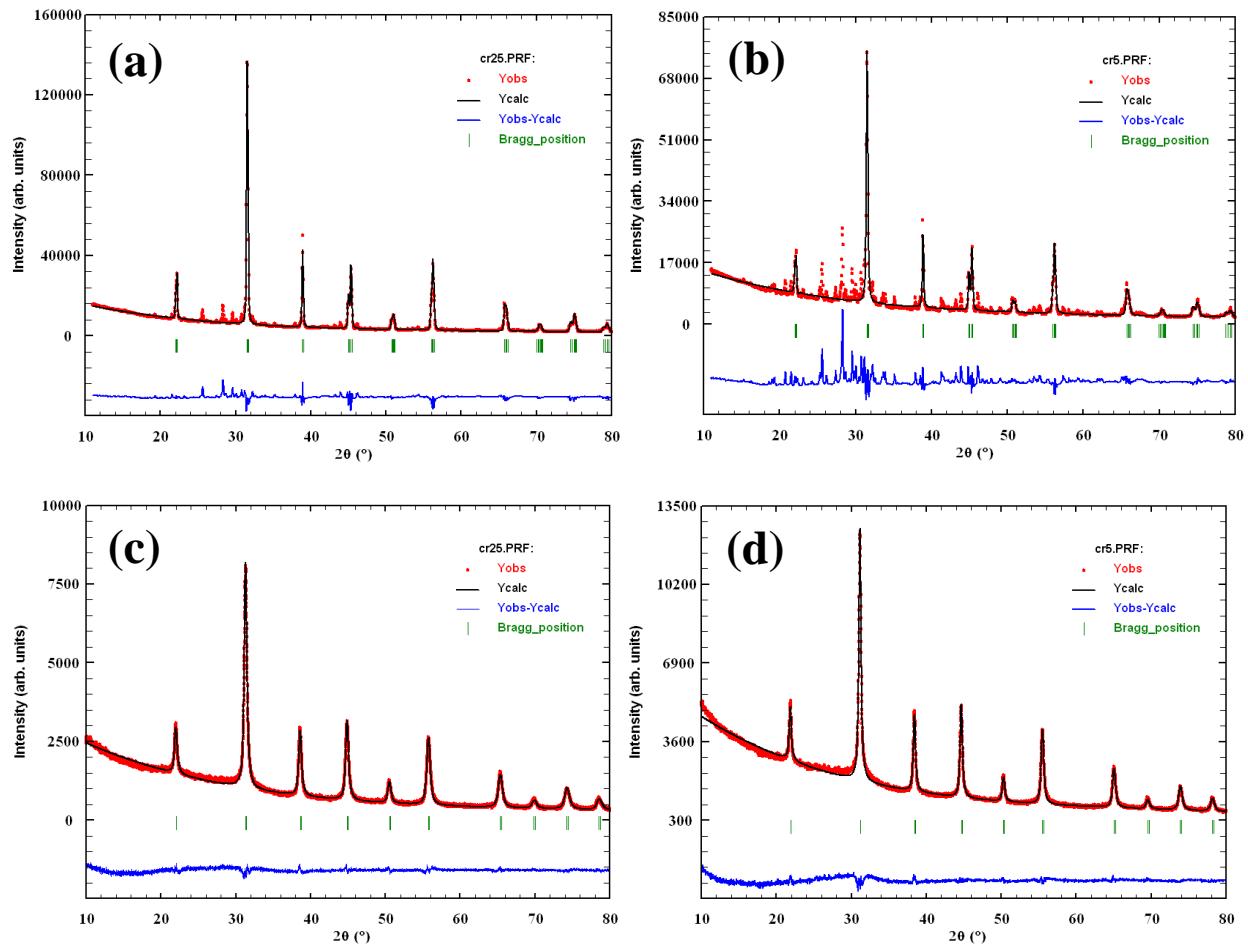
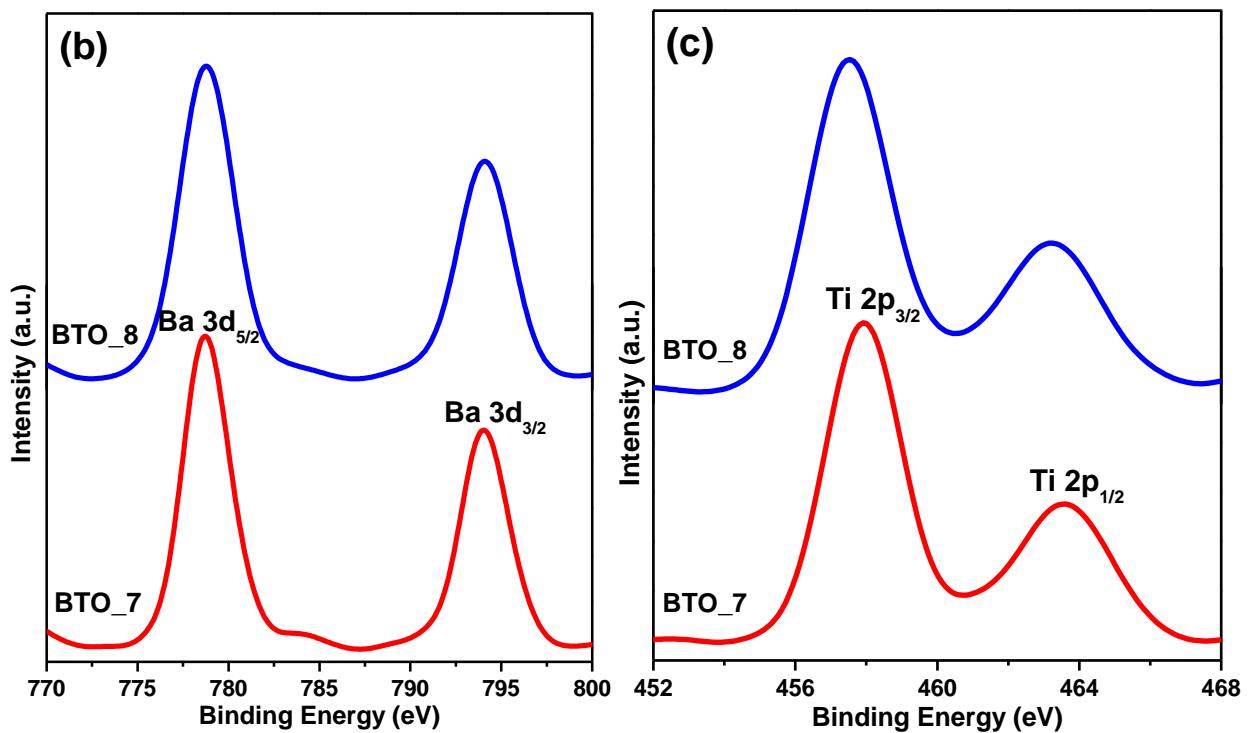
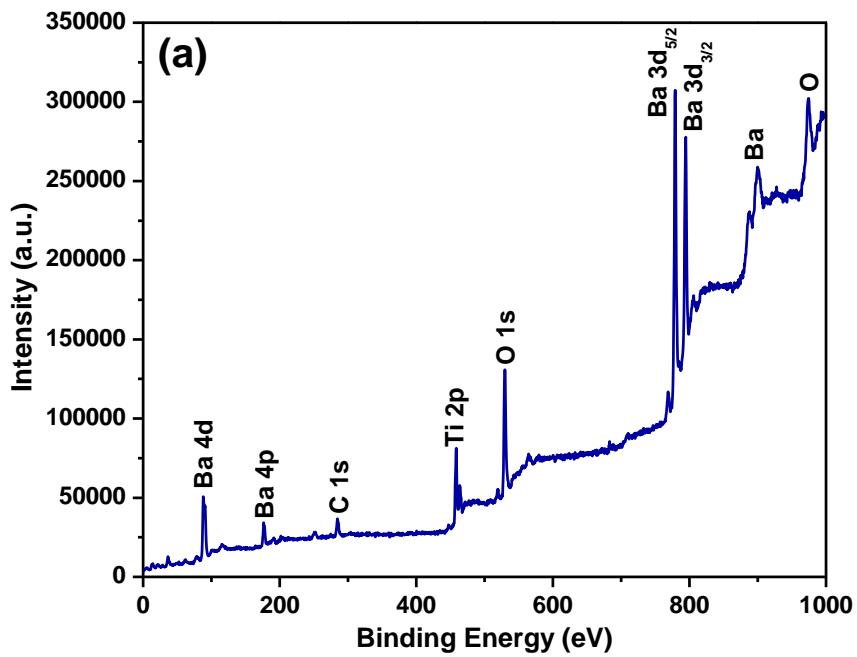


Figure S1. Observed, calculated and the difference XRD patterns of (a) BTO_3, (b) BTO_4, (c) BTO_7 and (d) BTO_8.



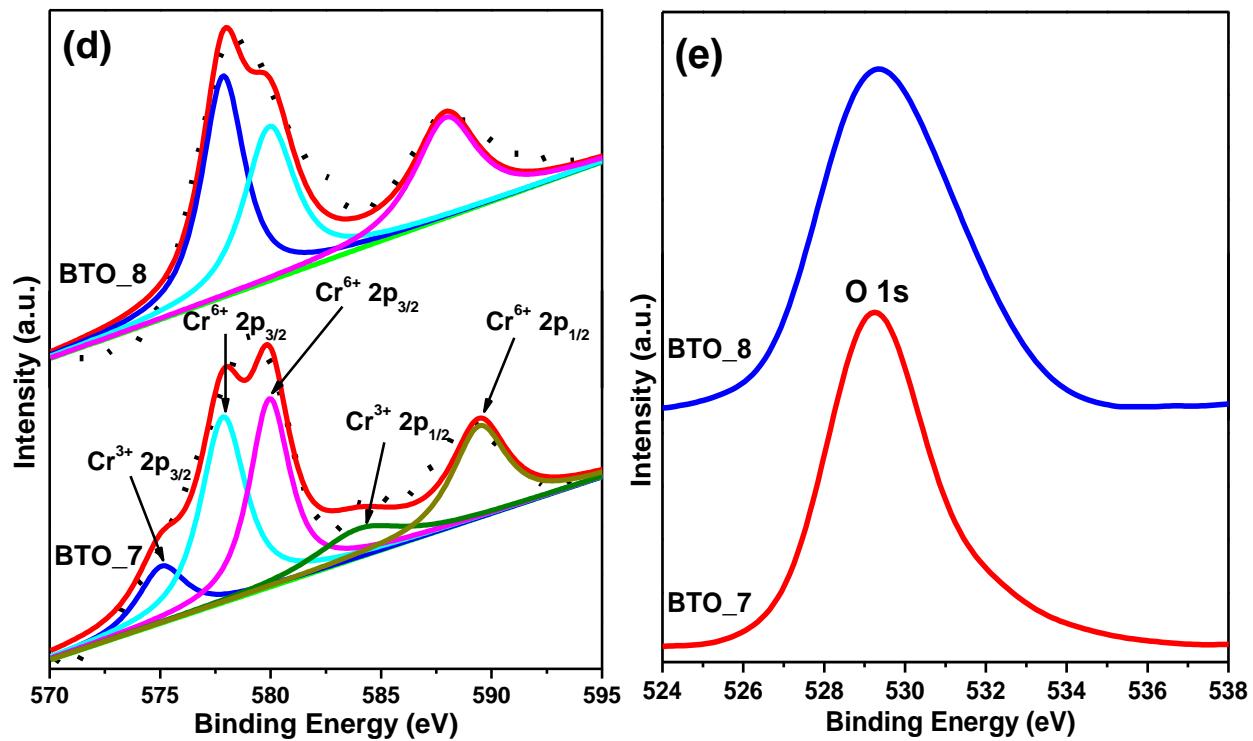


Figure S2. XPS spectra of 2.5 and 5 mol% Cr doped BaTiO_3 catalysts synthesized using microwave method: (a) survey spectra of 2.5 mol% Cr doped BaTiO_3 , high resolution signals of (b) Ba 3d, (c) Ti 2p, (d) Cr 2p and (e) O 1s elements.