catalysts

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Supplementary Materials

Structural, Optical and Photocatalytic Properties of Mn Doped ZnO Nanoparticles Used as Photocatalysts for Azo-Dye Degradation under Visible Light

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Supplementary data

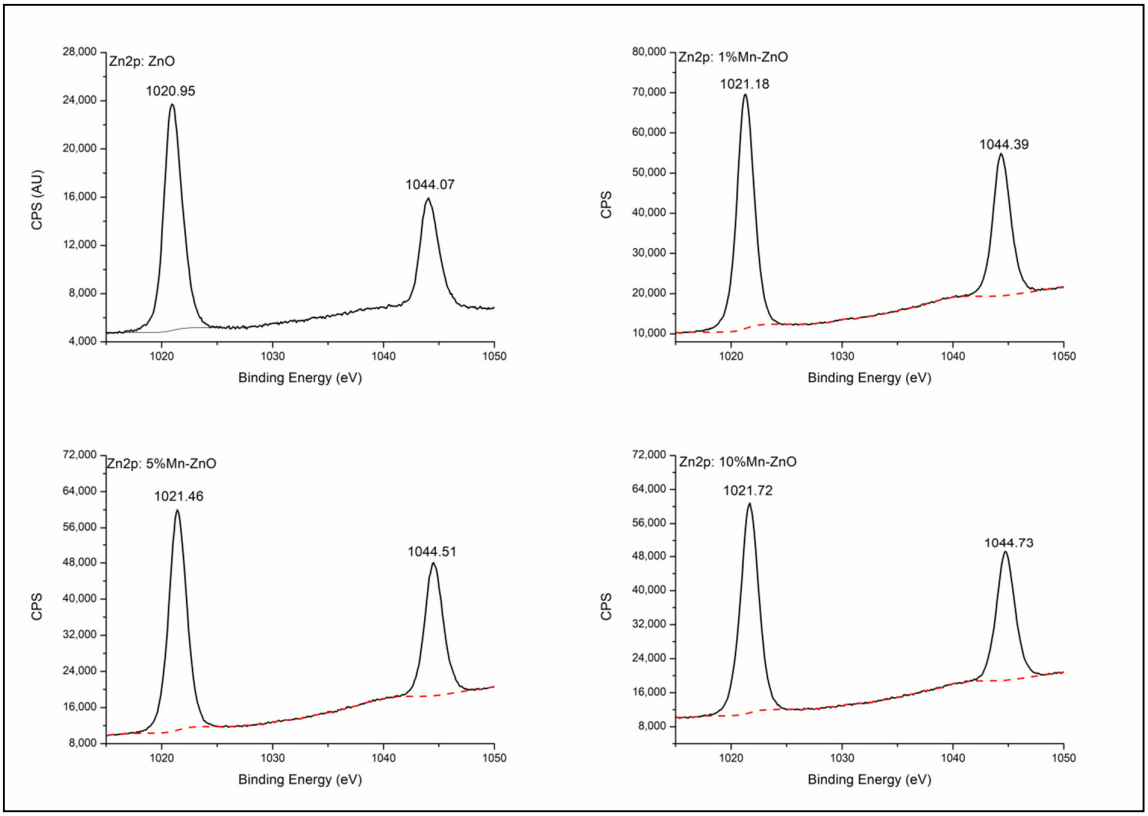

Figure S1. XPS spectra of Zn2p in the synthesized pure and Mn-doped ZnO nanomaterials.

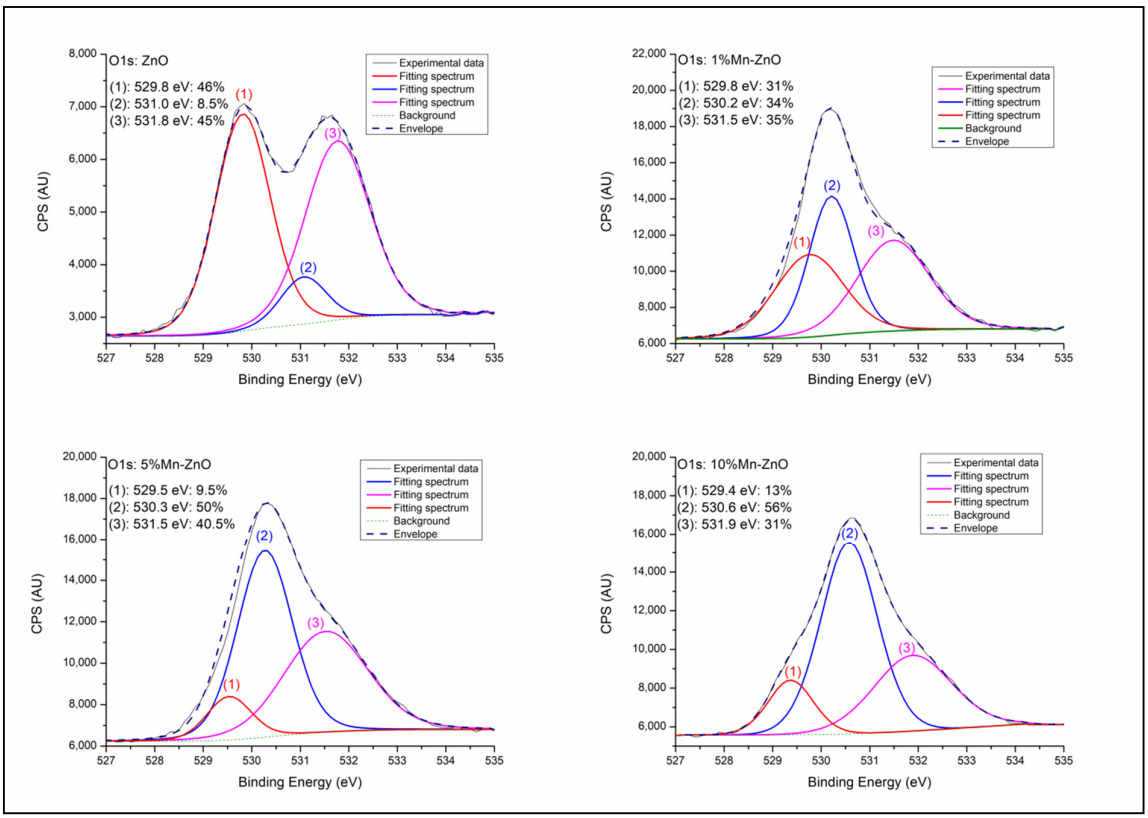

Figure S2. High-resolution XPS spectra of O1s in the synthesized pure and Mn-doped ZnO nanomaterials.

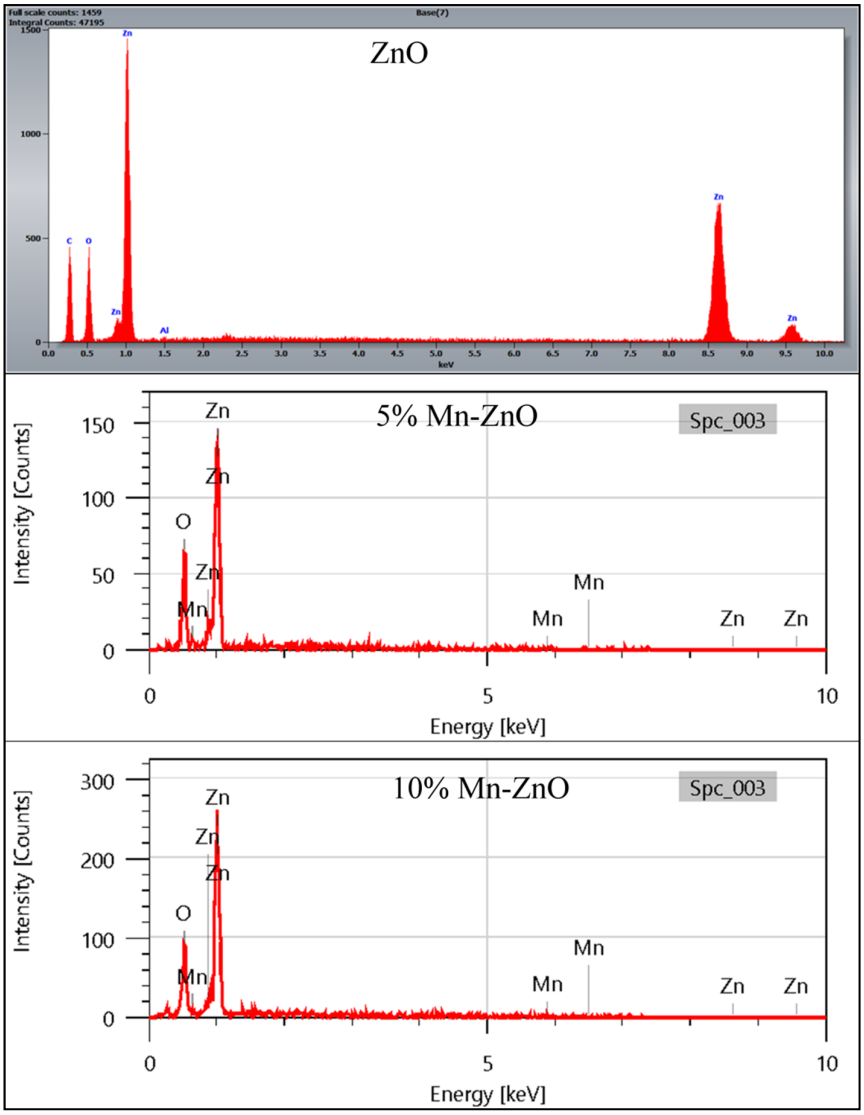

Figure S3. EDS spectra of ZnO and x%Mn-ZnO nanomaterials.