

Defect minimized Ag-ZnO microneedles for photocatalysis

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Supplementary Material

Defect Minimized Ag-ZnO Micro-needles for Photocatalysis

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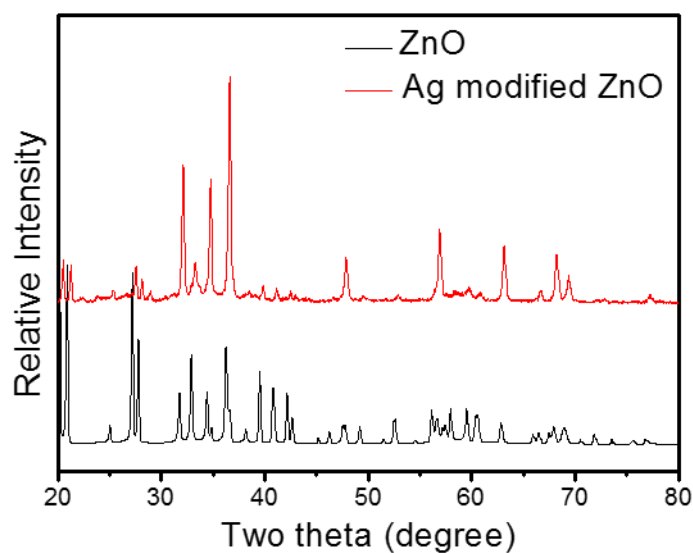


Figure S1. XRD of ZnO microrods (reprinted with permission from American Chemical Society-Ref.9)

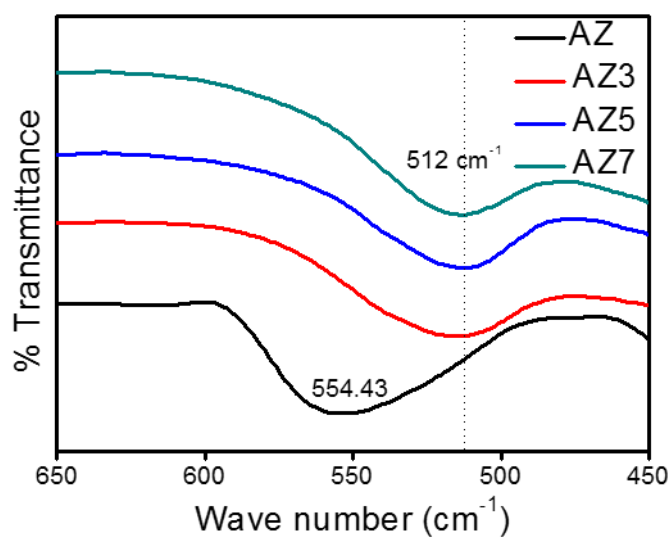


Figure S2. E1 (LO) mode of vibration of AZ, AZ3, AZ5 and AZ7

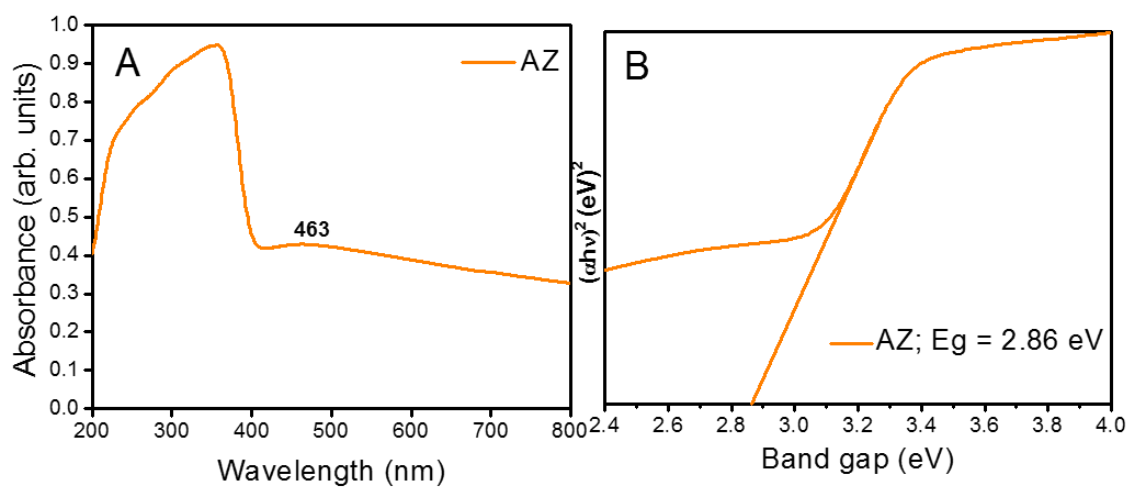


Figure S3. A) UV-Vis Spectrum and B) Tauc Plot of AZ

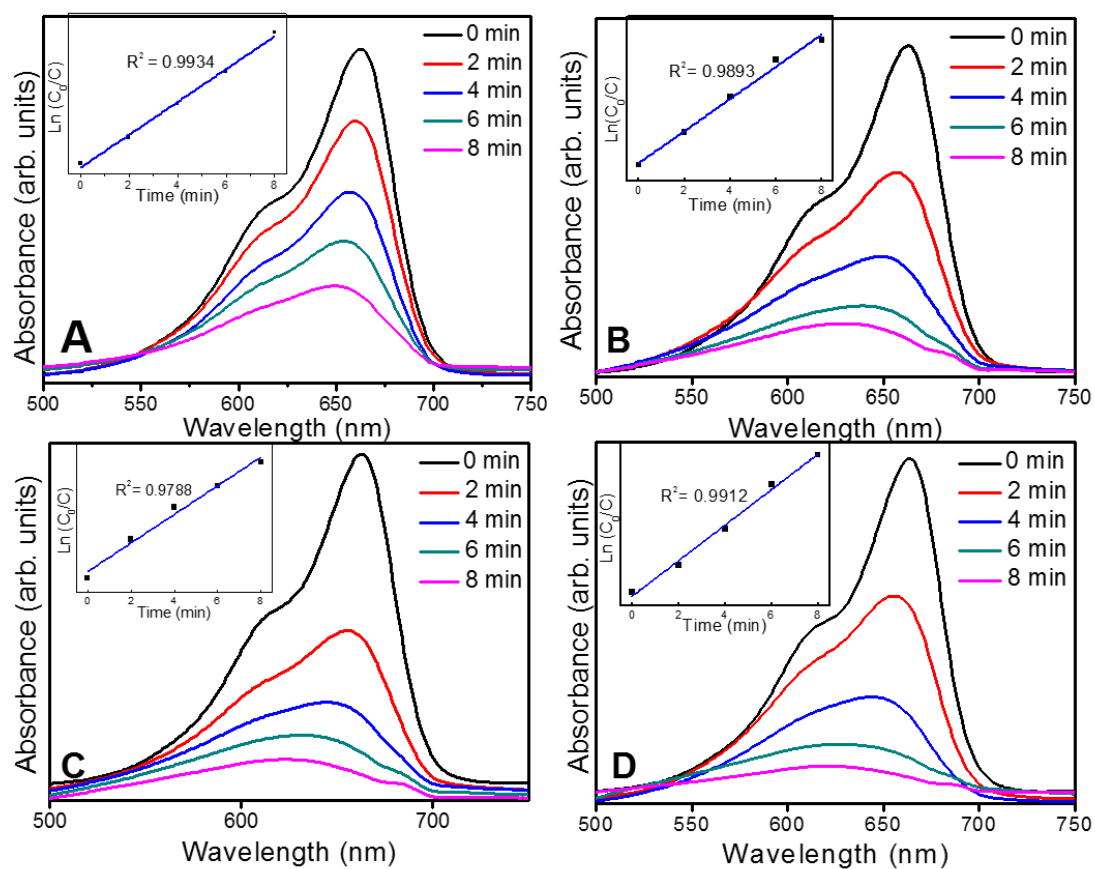


Figure S4. UV-Visible spectra of MB photodegradation and corresponding kinetic plot A) P25, B) AZ3 C) AZ5 and D) AZ7