# Supporting Information

## Microwave-assisted synthesis of ZnO structures for effective degradation of Methylene blue dye under solar light illumination

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# Equal contribution

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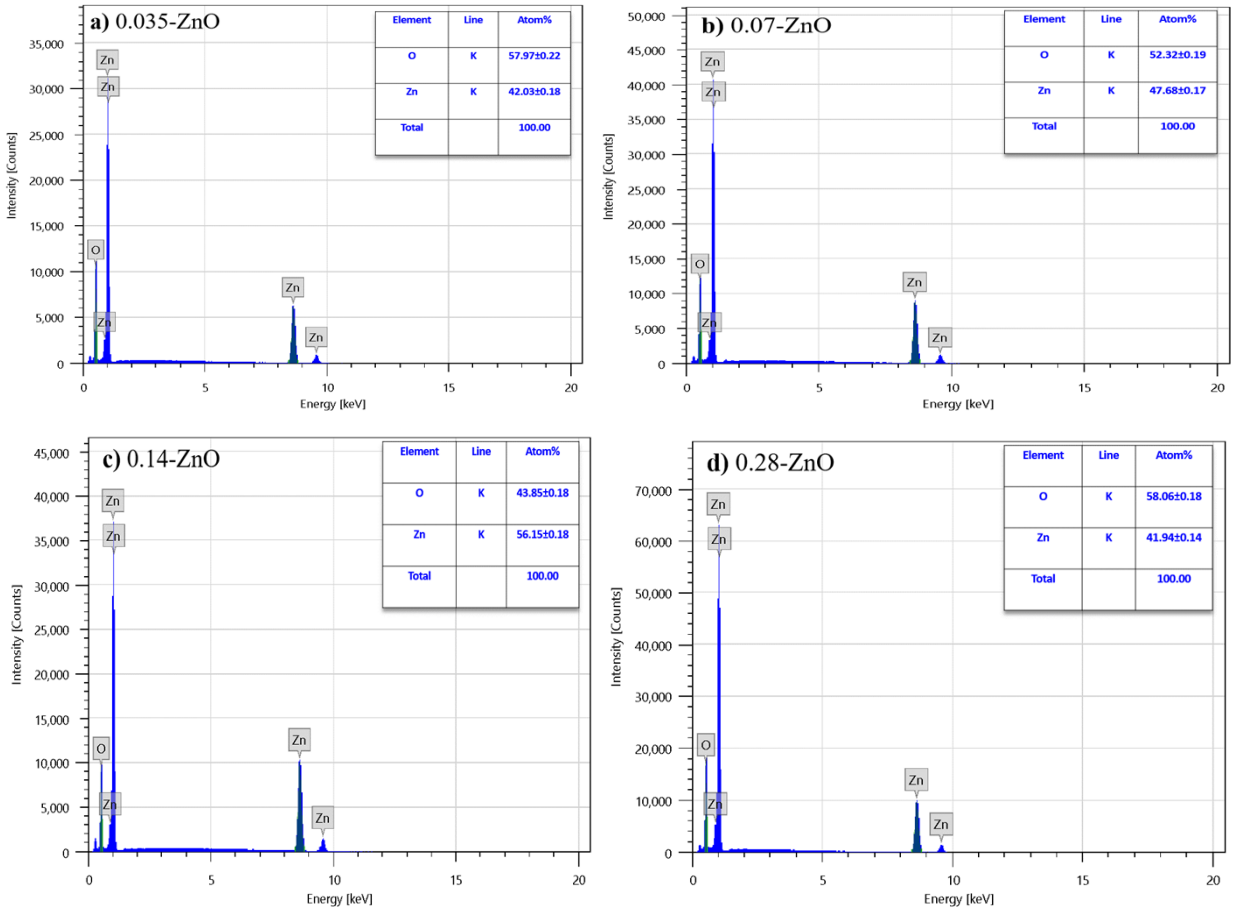

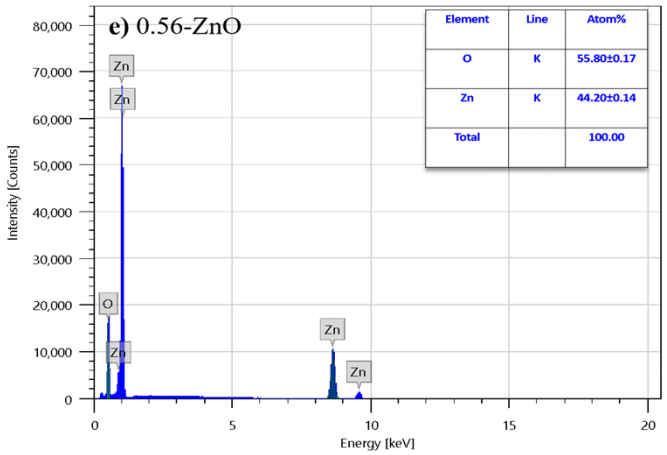


**Figure S1.** EDX spectra for ZnO structures: (a) 0.035-ZnO, (b) 0.07-ZnO, (c) 0.14-ZnO, (d) 0.28-ZnO and (e) 0.56-ZnO

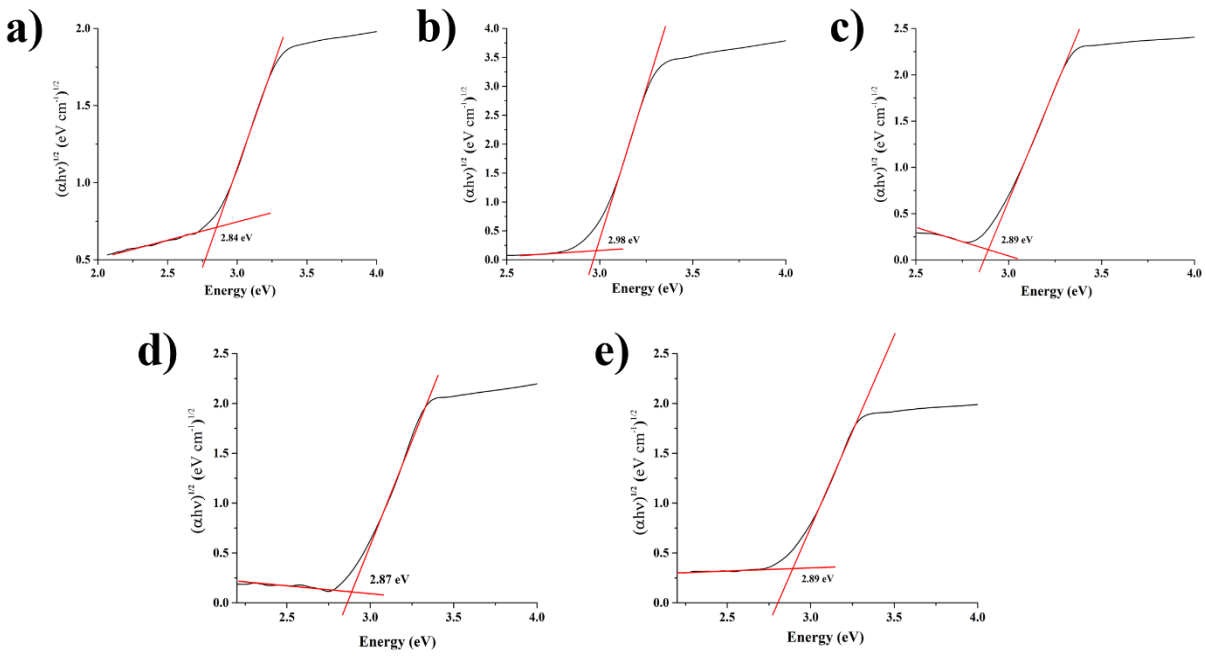


**Figure S2.** Band gap calculation graphs of (a) 0.035-ZnO, (b) 0.07-ZnO, (c) 0.14-ZnO, (d) 0.28-ZnO and (e) 0.56-ZnO

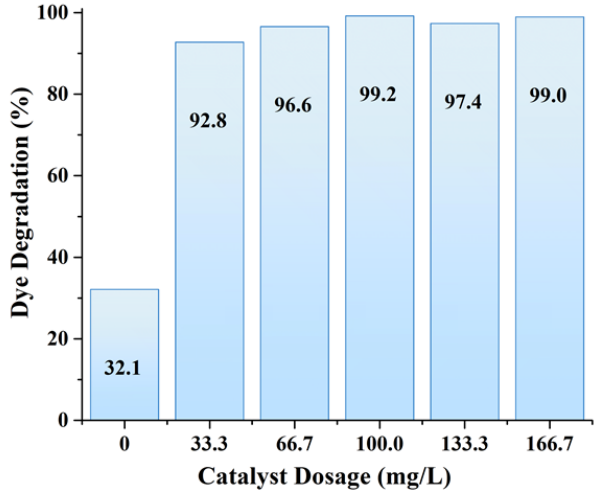


**Figure S3.** Effects of 0.56M-ZnO catalyst dosage on MB photocatalytic degradation.

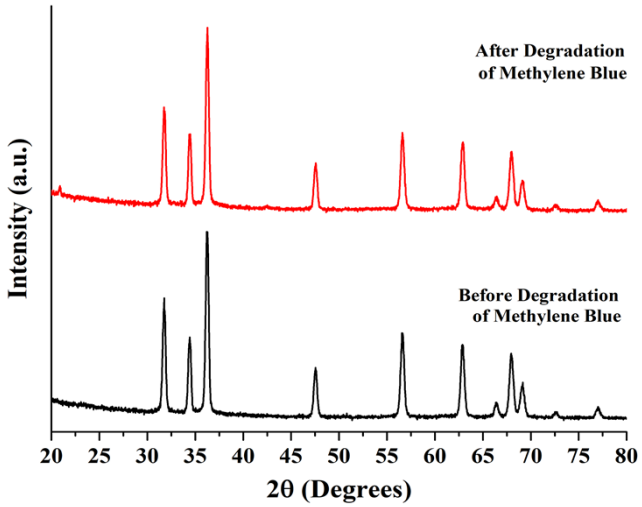


**Figure S4.** XRD of 0.56-ZnO before and after MB degradation.