

Electronic Supplementary Information

Solution-processed ZnO/Si based heterostructures with enhanced photocatalytic performances

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S1 Morphological investigations of ZnO nanoparticles formed with and without pressure-induced deposition via baking treatment

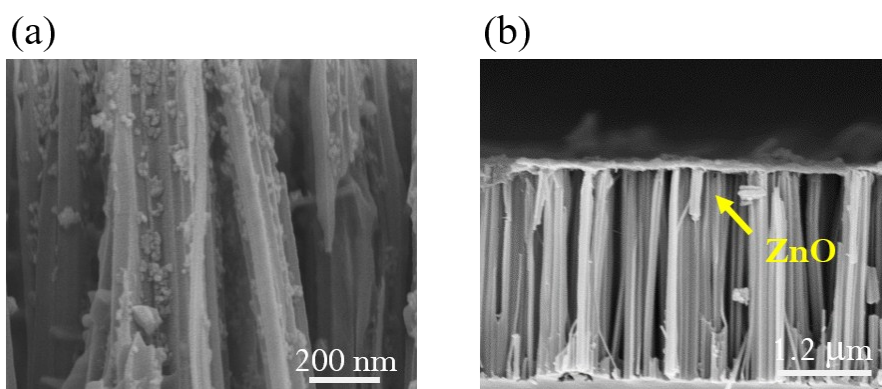


Figure S1 (a) High-magnification SEM image and (b) Cross-sectional SEM image of ZnO nanoparticles formed on Si nanowire arrays with and without pressure-induced deposition via baking treatment. ZnO aggregated particles could be clearly observed on the top of Si nanowire arrays due to the intended aggregations of ZnO seeds, as shown in Fig. S1(b).