

Electronic Supplementary Information (ESI)

A method for synthesizing ZnO-carbonaceous species nanocomposites, and their conversion to quasi-single crystal mesoporous ZnO nanostructures

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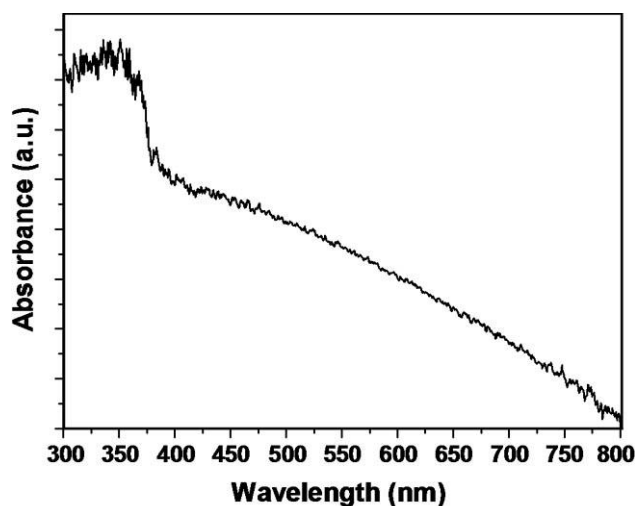


Figure S1. UV-vis absorption spectrum of powders synthesized from the reaction of an aqueous solution containing 0.01 M zinc nitrate hexahydrate, 0.01 M HMT, and 0.002 M L(+)-ascorbic acid at 180°C for 30 min.

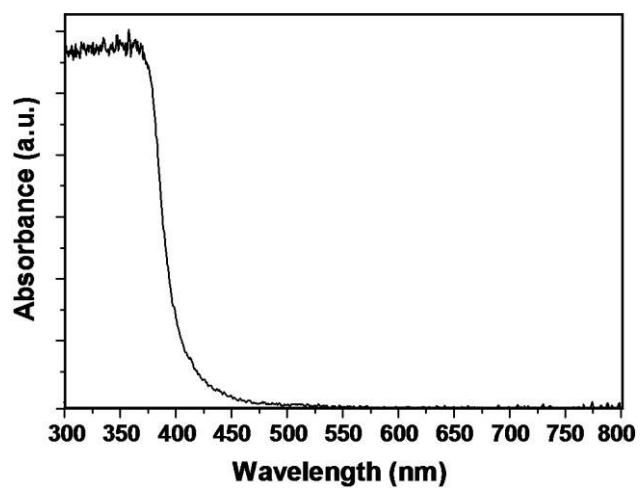


Figure S2. UV-vis absorption spectrum of the powder obtained by calcination of as-prepared ZnO-carbonaceous species nanocomposites at 600°C for 2 h in air.