Supporting Information

Enhanced photoluminescence, Raman spectra and field-emission behavior of indium-doped ZnO nanostructures

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Figure S1. EDS spectrum for other three In-doped ZnO nanostructures: (a) nanotripods, (b) nanorods, and (c) nanodisks, respectively.
Figure S2. EDS spectrum for other three pure ZnO nanostructures: (a) nanotripods, (b) nanorods, and (c) nanodisks, respectively.
Figure S3. (a) XRD patterns of four various pure ZnO samples, and (b) the expanded spectra around 3 strongest lines showing that no peak shift was observed when compared with the standard peak position of pure ZnO.
Figure S4. (a) $J$-$E$ plot comparison of other three pure ZnO nanostructures; (b) FN plots of the corresponding $J$-$E$ curves; (c) emission current density as a function of time demonstrates the field-emission stability.