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**Supporting Information**

**Nonlithographic Fabrication of Nanostructured Micropatterns via  
Breath Figures and Solution Growth**

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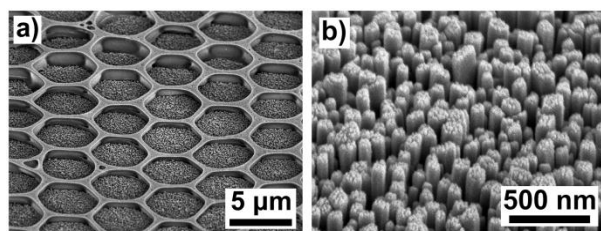
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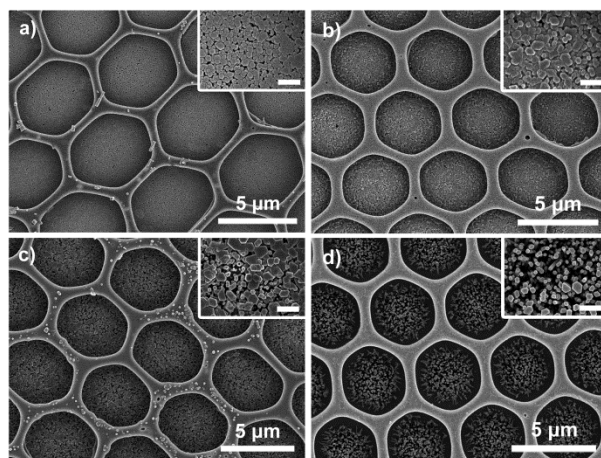
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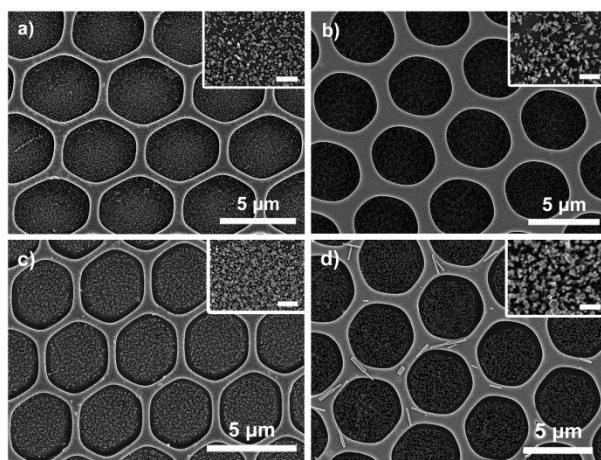
lswan@zju.edu.cn.



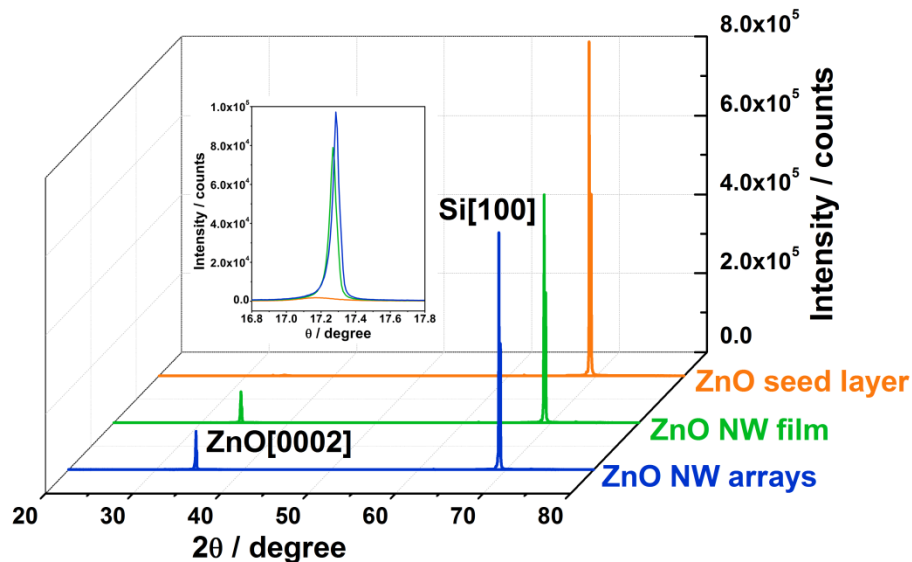
**Figure S1.** 45 °tilt view SEM images of ZnO NW arrays with the ordered through-pore template.



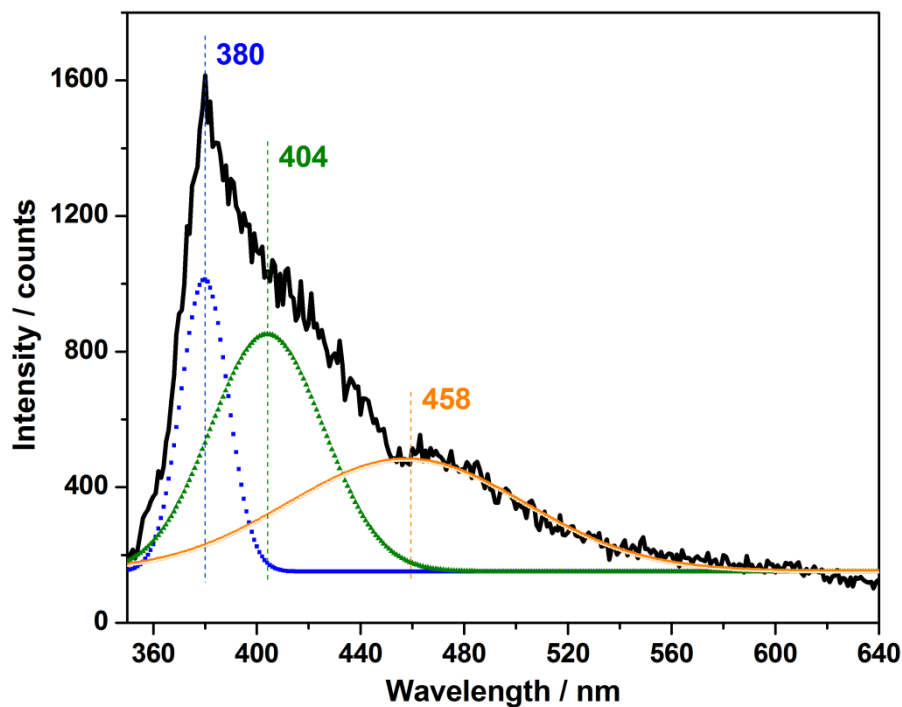
**Figure S2.** Top view SEM images of ZnO NW arrays grown in different nutrient solution concentrations at 70 °C for 24 h,  $[\text{Zn}(\text{NO}_3)_2] = [\text{HMTA}]$ , (a) 100 mM, (b) 50 mM, (c) 25 mM, and (d) 10 mM.



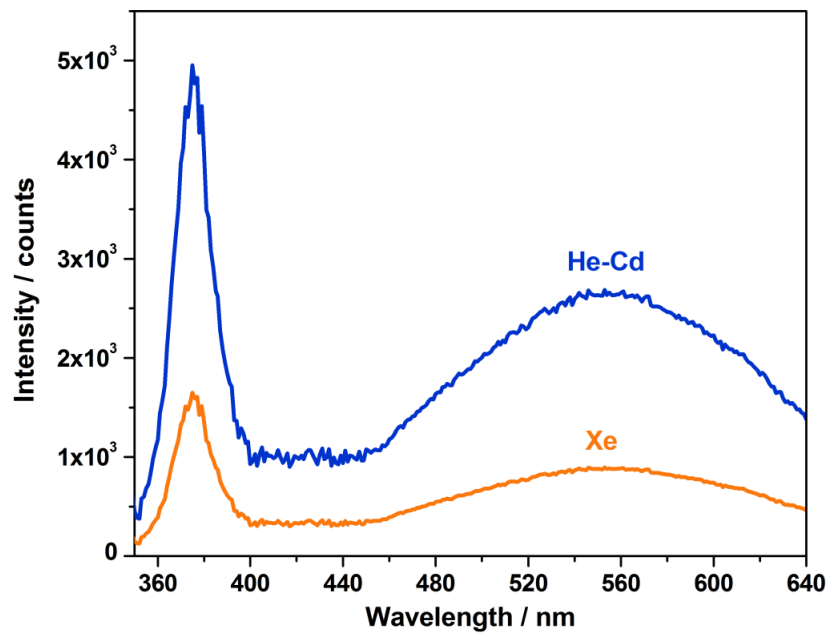
**Figure S3.** Top view SEM images of ZnO NW arrays obtained with various growth time intervals at 70 °C, (a) 4 h, (b) 8 h, (c) 16 h, and (d) 32 h.



**Figure S4.** XRD pattern of the ZnO seed layer, ZnO NW film and ZnO NW arrays templated by a 4  $\mu\text{m}$  through-pore film on Si [100], inset is the ZnO [0002] peak rocking curve.



**Figure S5.** Room-temperature PL spectrum of ZnO seed layer using He-Cd laser as excitation source. The spectrum has been deconvoluted into three characteristic peaks.



**Figure S6.** Room-temperature PL spectra of ZnO NW arrays templated by a 4- $\mu$ m-diameter through-pore film using He-Cd laser and Xe lamp as excitation sources.