

Electronic Supplementary Information (ESI)

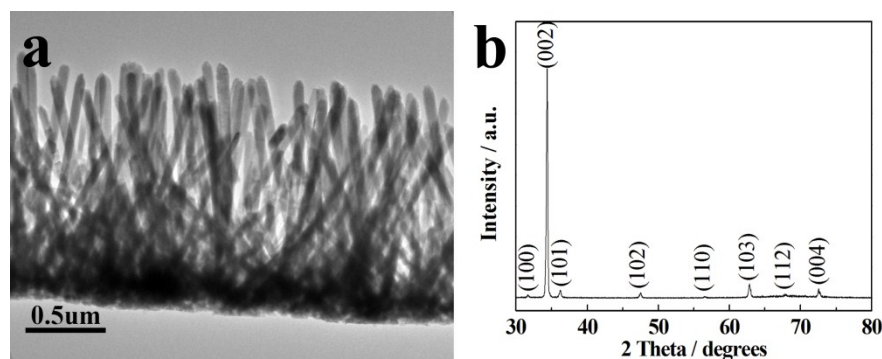


Figure S1. (a) Cross-section TEM image of oriented ZnO nanorods; (b) XRD pattern of the oriented ZnO nanorods.

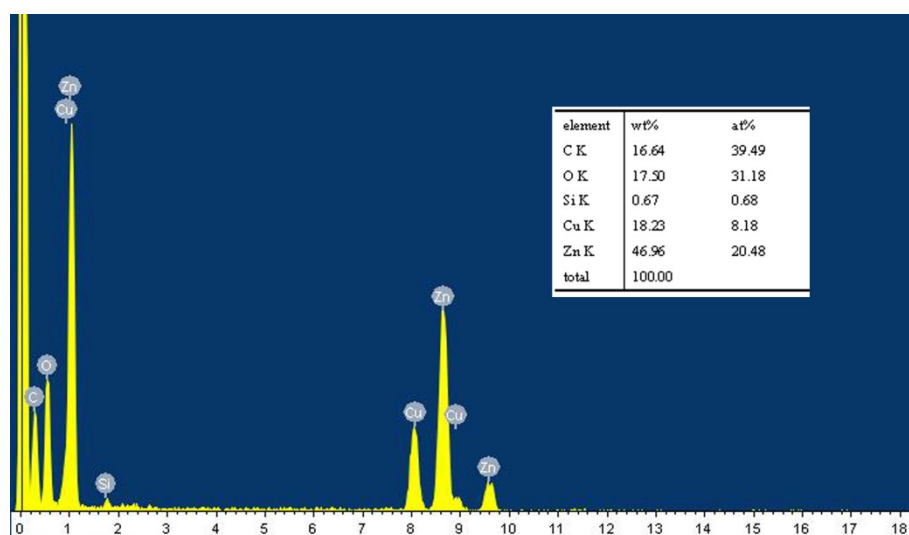


Figure S2. The EDS data of ZnO nanorods immersed in APS- Na_2SiO_3 solution at 90°C for 40 min.

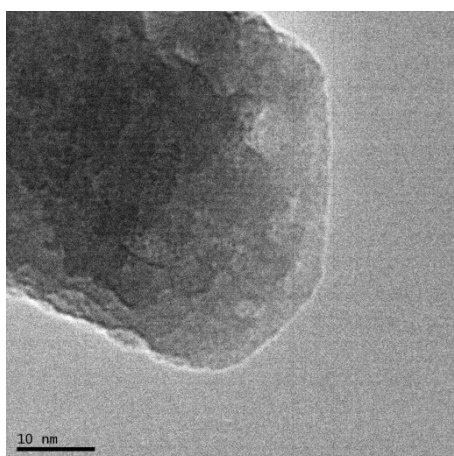


Figure S3. Low magnification TEM image of ZnO nanorod immersed in APS- Na_2SiO_3 solution at 90°C for 80 min