

Supplementary Information

ZnO Nanorods and Nanowalls Directly Synthesized on Flexible Substrates with Block Copolymer Templates

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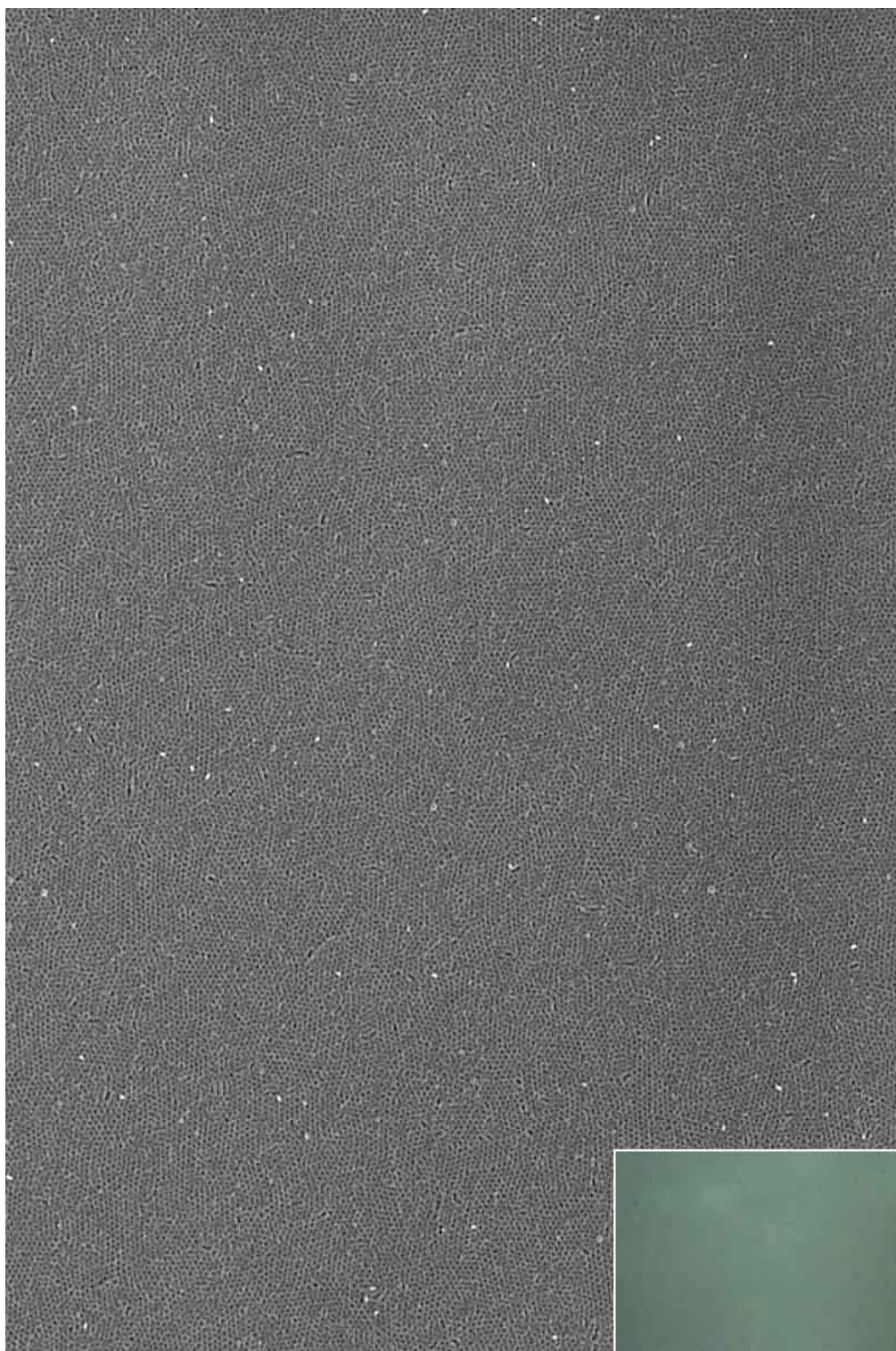


Figure S1. FE-SEM image ($8\ \mu\text{m} \times 12\ \mu\text{m}$) of a nanoporous template with cylindrical nanopores from PS(64)-PMMA(35) on a flexible substrate. An optical microscope image ($350\ \mu\text{m} \times 250\ \mu\text{m}$) is also inserted.

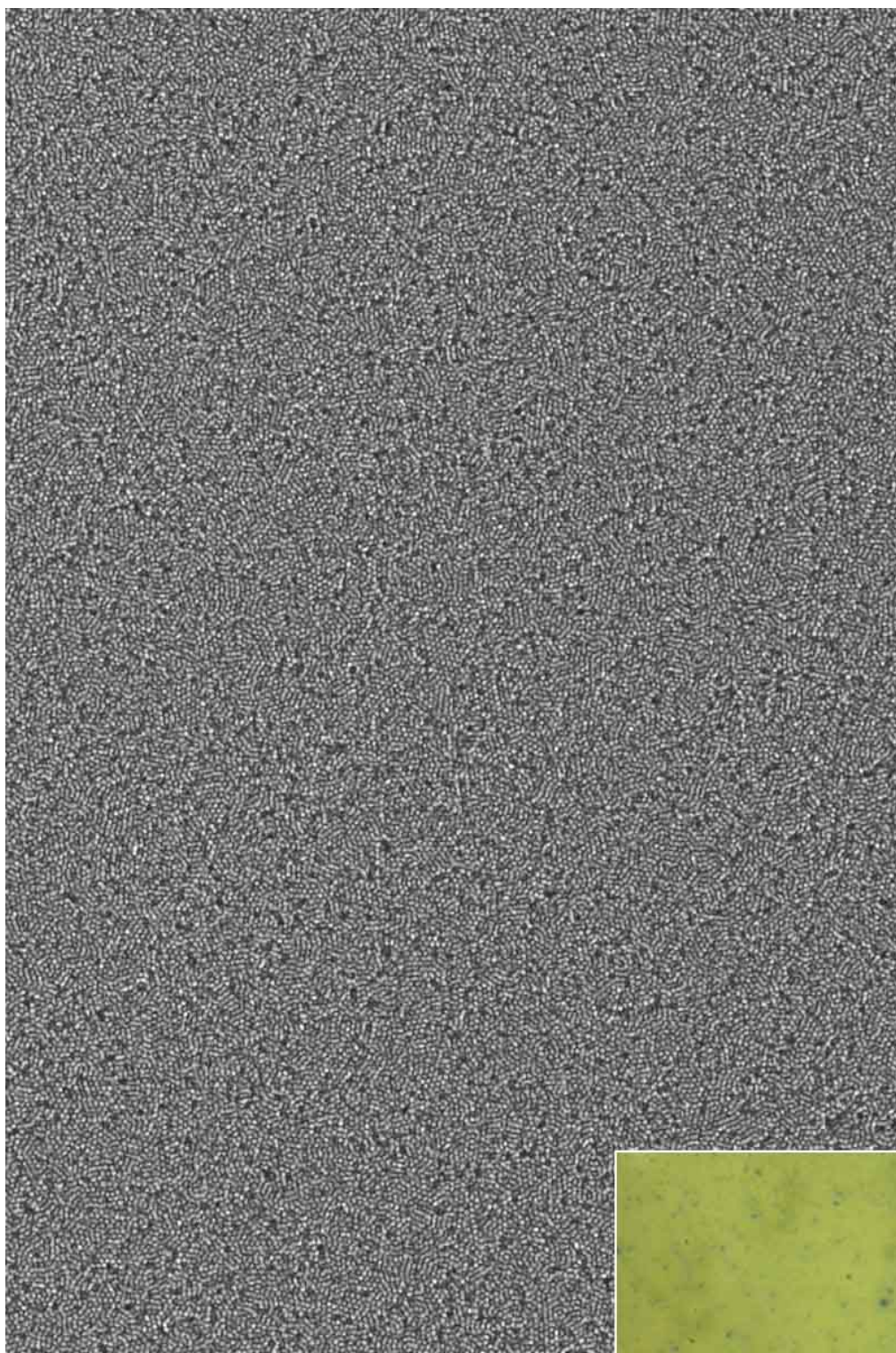


Figure S2. FE-SEM image ($8\ \mu\text{m} \times 12\ \mu\text{m}$) of ZnO nanorods on a flexible substrate from the template shown in Figure S1. An optical microscope image ($350\ \mu\text{m} \times 250\ \mu\text{m}$) is also inserted.

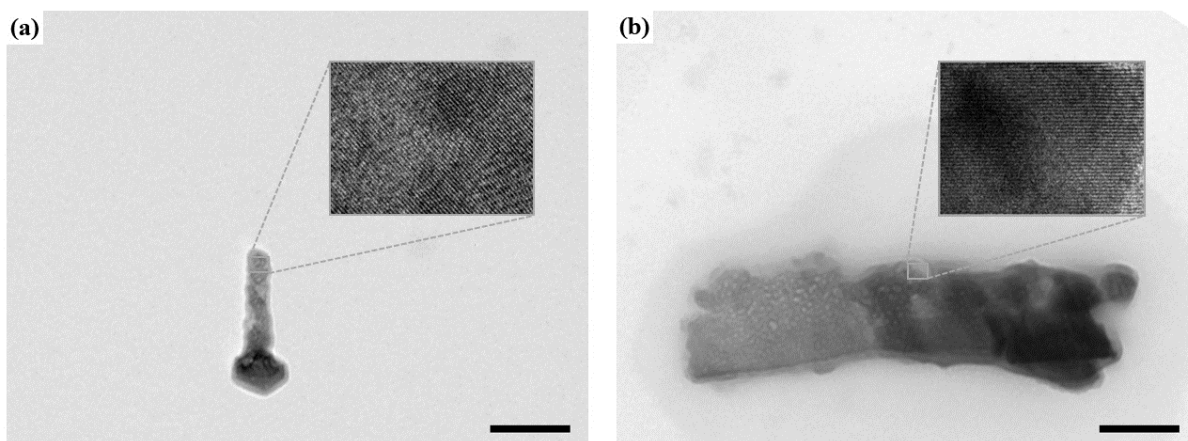


Figure S3. TEM images: (a) ZnO nanorod; (b) ZnO nanowall. The scale bars are 100 nm.

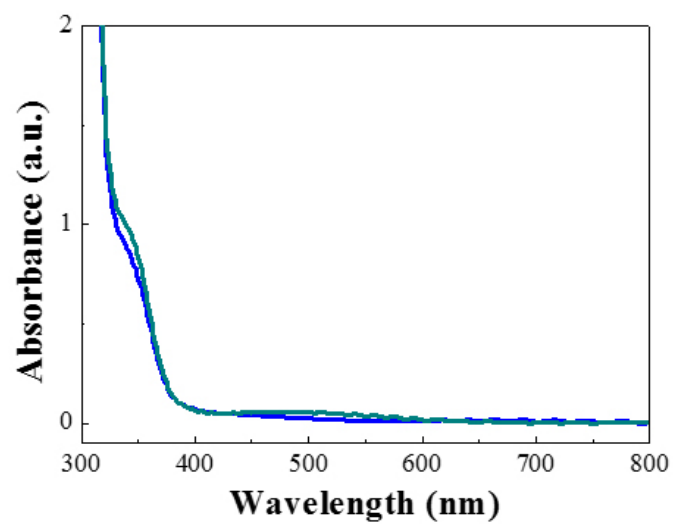


Figure S4. UV-Vis spectra of ZnO nanorods (blue) and ZnO nanowalls (green) on a flexible substrate. Absorptions below 320 nm are associated with the PET substrate.