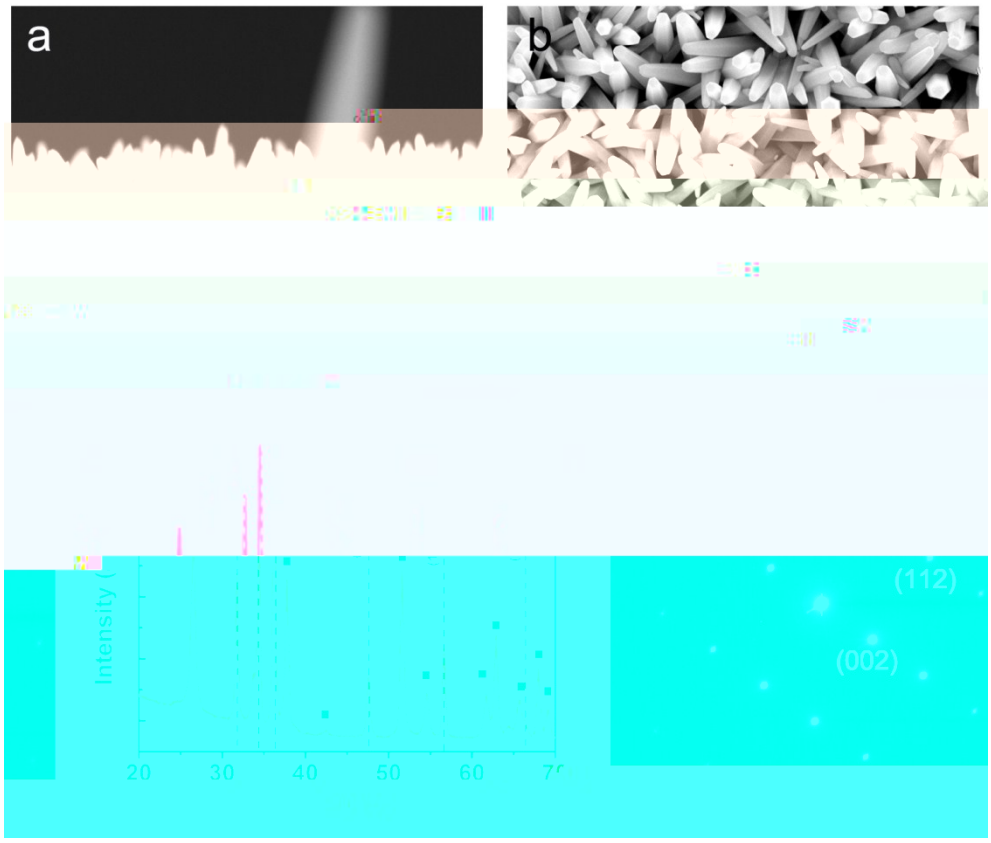
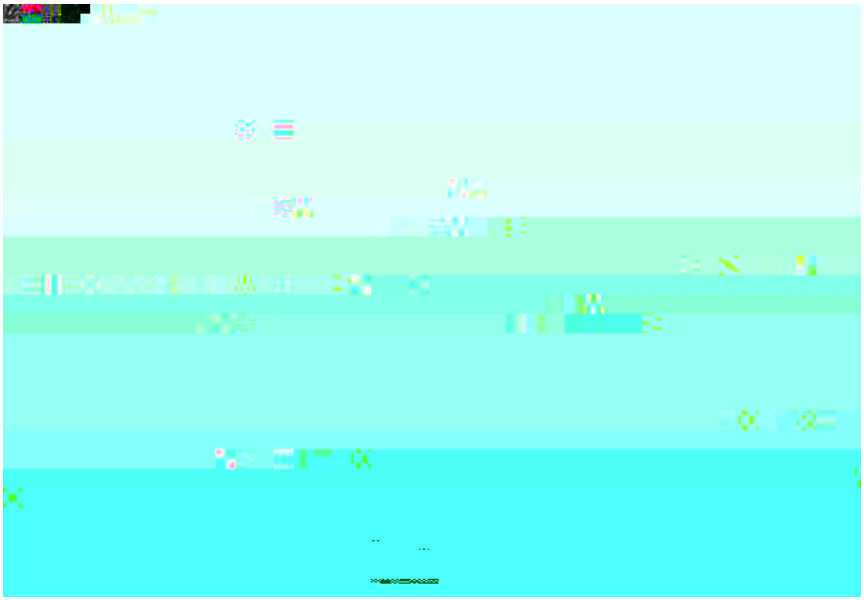
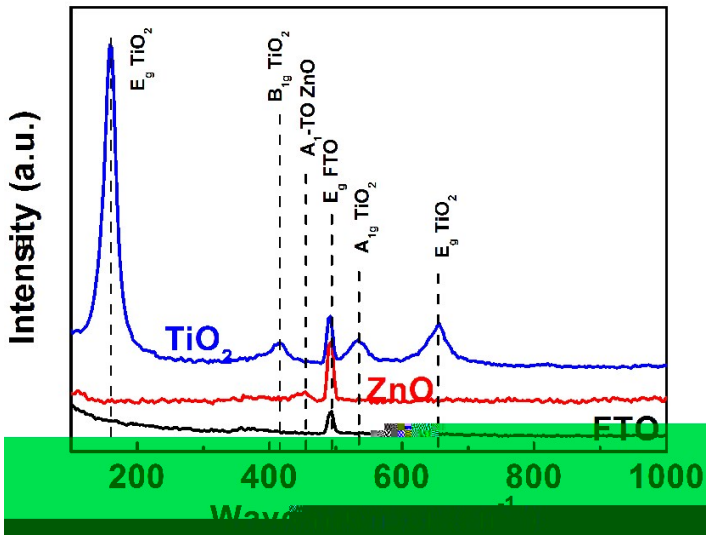
Zhongqiu Tong, Shikun Liu, Xingang Li, Liqiang Mai, Jiupeng Zhao, Yao Li



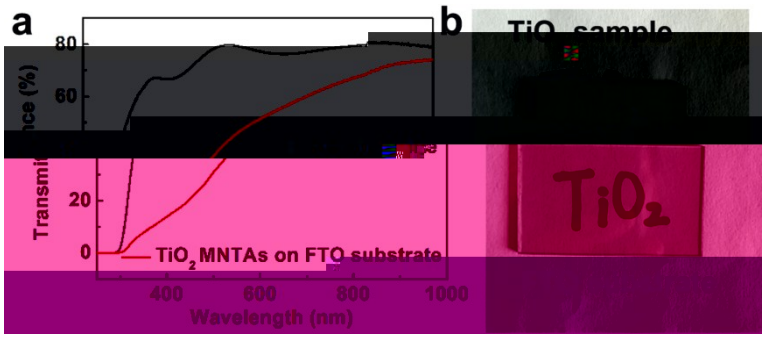
. (a)(b) Cross-sectional and top-view SEM images of the ZnO nanorod arrays. (c) XRD pattern of the ZnO nanorod arrays. (d) SAED pattern of one ZnO nanorod.



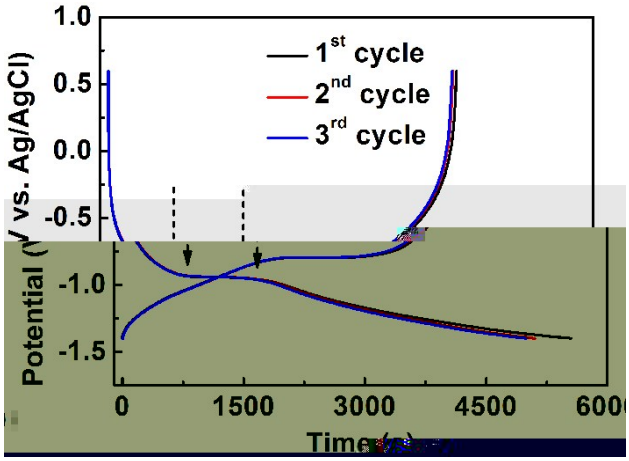
. . . SEM image of large-area ZnO nanorod arrays.



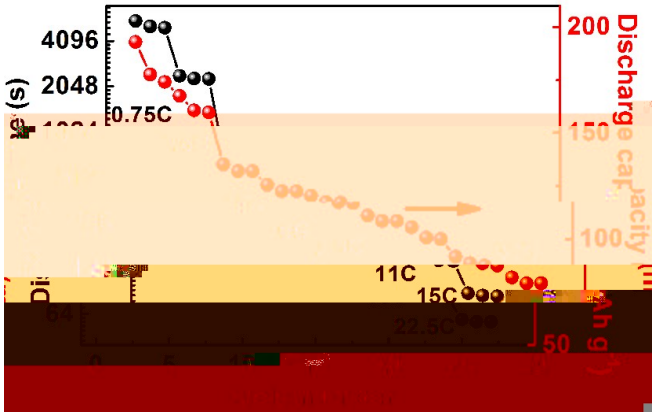
. . . . Raman spectra of FTO substrate, ZnO nanorod arrays, and TiO_2 mesoporous nanotube arrays.



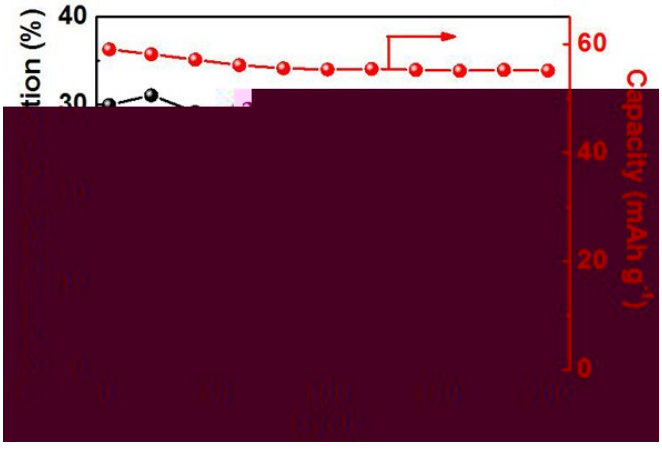
. . . . UV- transmission spectra (a) and digital photos (b) of TiO_2 MNTAs and bare FTO substrate.



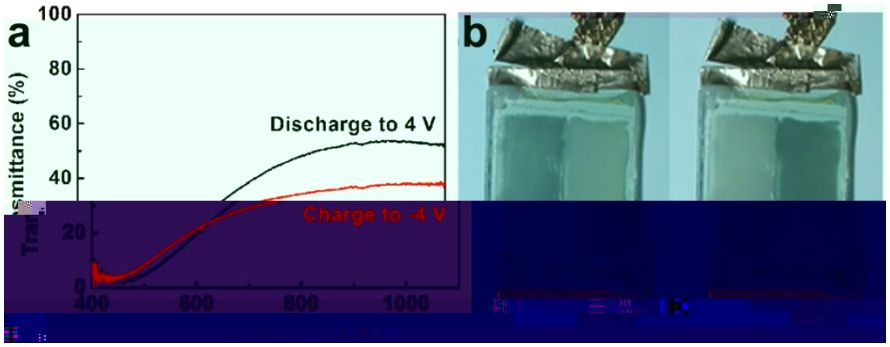
. . . Galvanostatic charge/discharge curves of TiO_2 MNTAs at 0.75C.



. . . Discharge capacity and discharge time of TiO_2 MNTAs at different current densities.



. . . Cycling performance of the assembled bifunctional device on transmittance modulation and capacity at galvanostatic charge/discharge current density of 1 A g^{-1}.



Transmittance modulation (a) and color contrast (b) of the assembled bifunctional device at galvanostatic charge/discharge current density of 2 A g^{-1}.