

Supplementary material

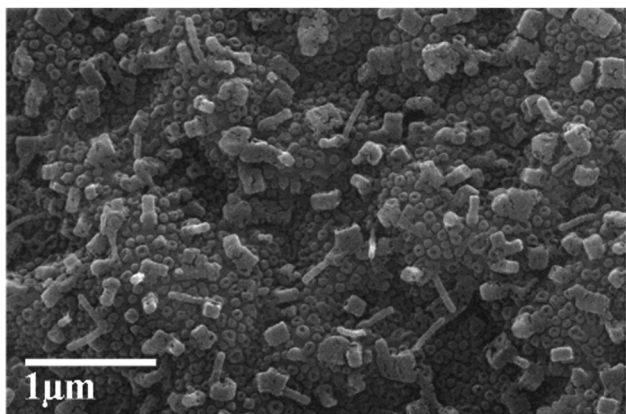


Figure S1: FESEM images of S12.

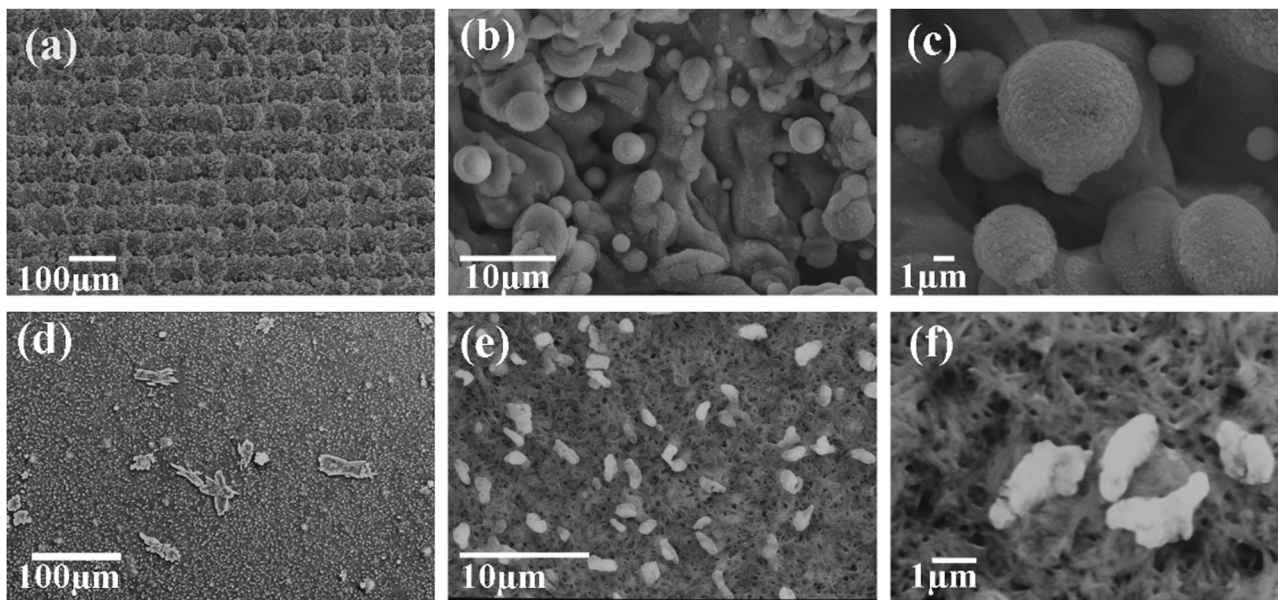


Figure S2: SEM images at different magnification of (a–c) irradiated Ti sample covered with FeCl₃ and without PPy coating and (d–f) PPy coated on Ti surface without laser ablation.

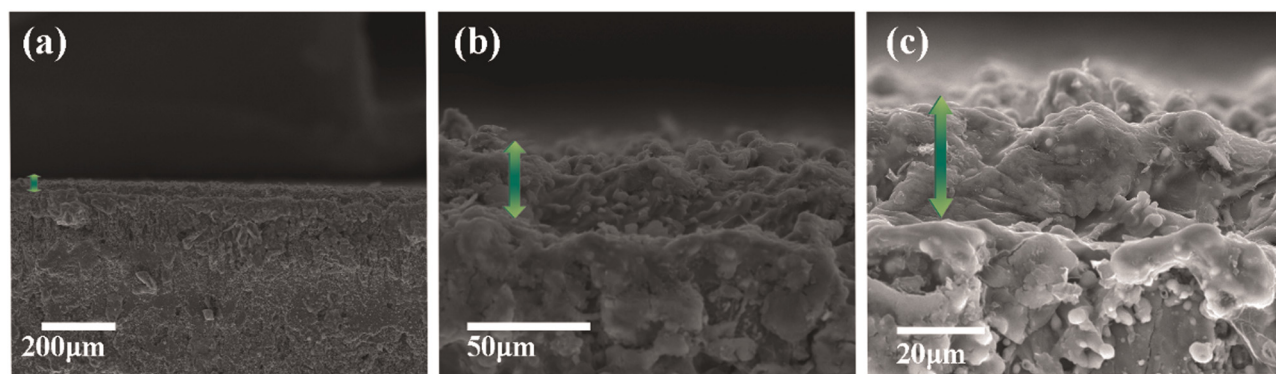


Figure S3: Cross-section FESEM image of S4 sample.

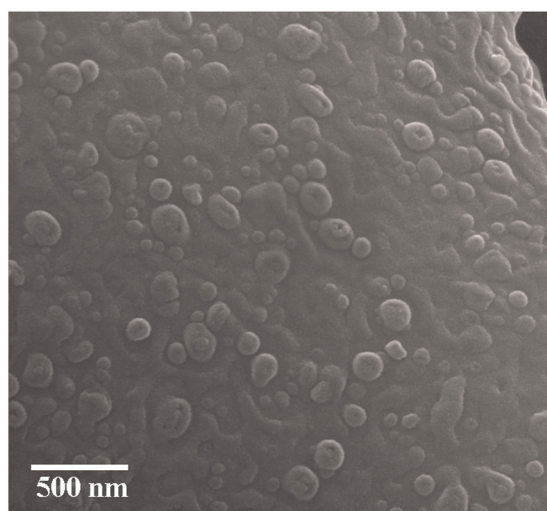


Figure S4: The SEM image of S4 through aging effect.