

Supplementary Information

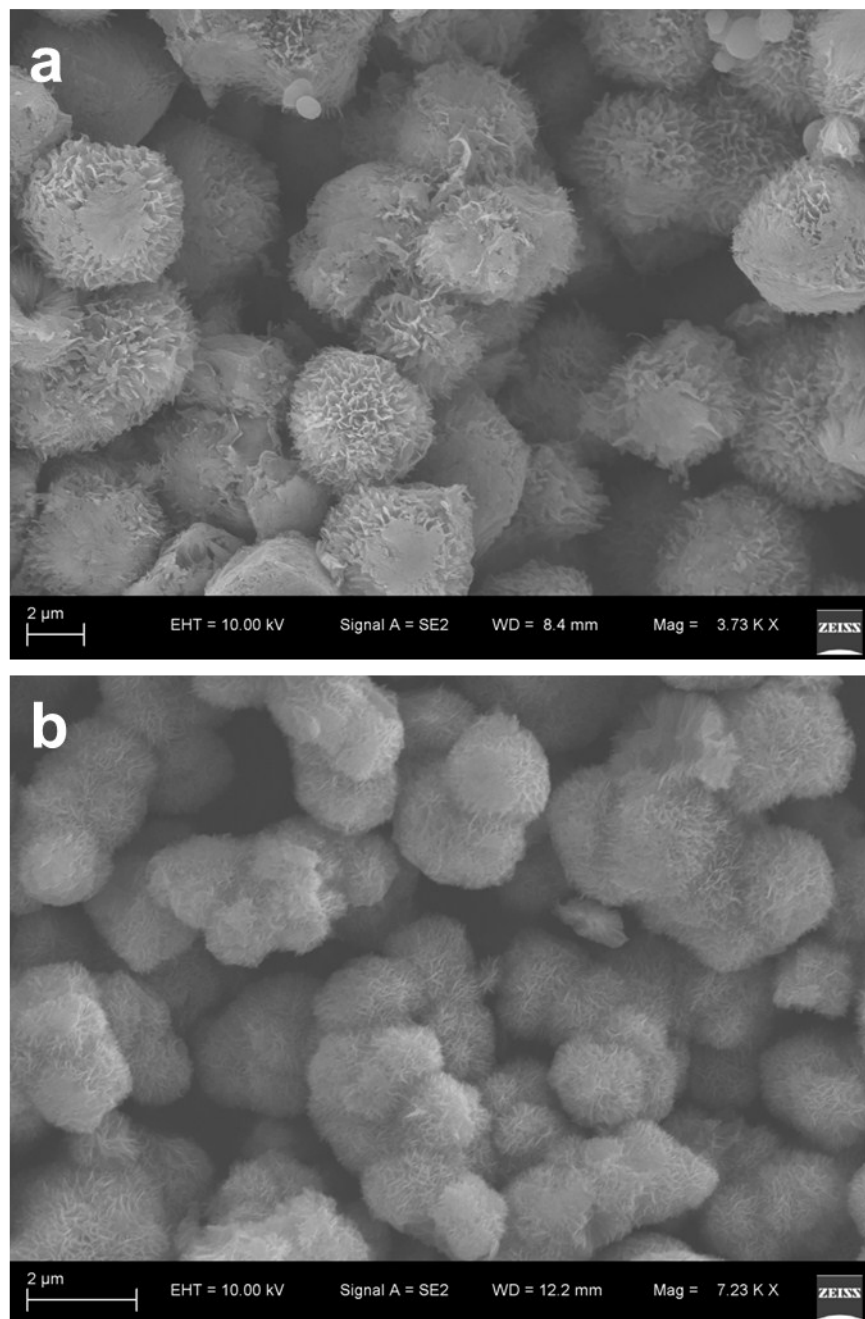


Fig. S1 The FRSEM images of the samples of sample which was modified by SDS (a) and CTAB (b), other conditions are the same as the PVP.

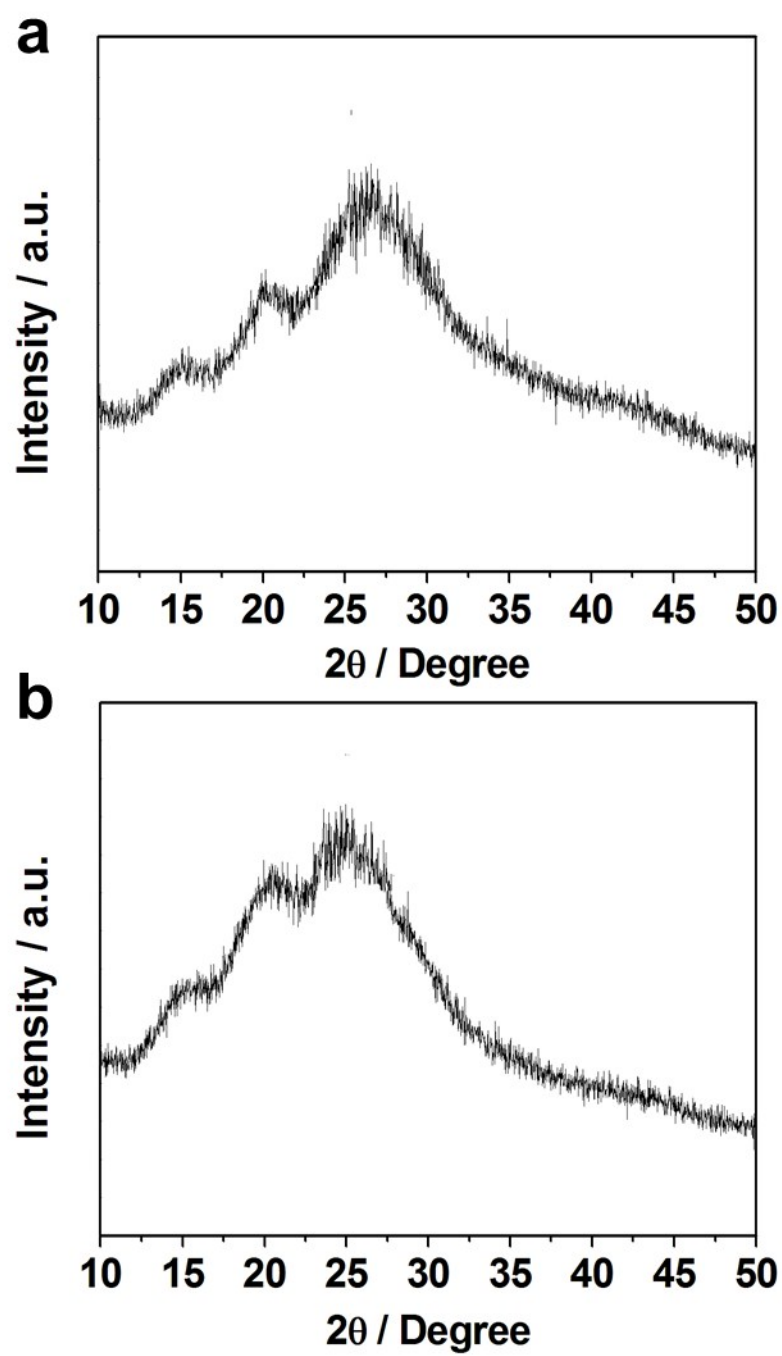


Fig. S2 The XRD patterns of the samples of sample which was modified by SDS (a) and CTAB (b), other conditions are the same as the PVP.

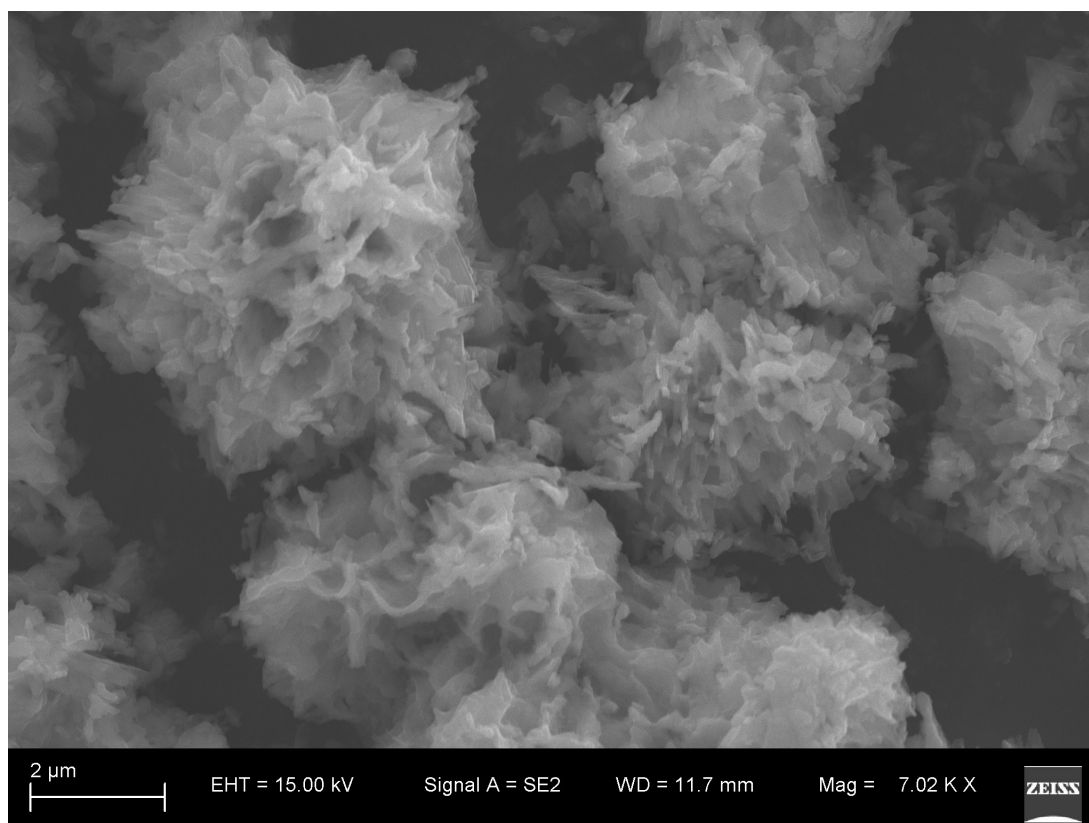


Fig. S3 The SEM image of the samples obtained after the 10000 cycle life testing.