

Supporting Information

Ag NPs decorated ordered mesoporous silica as an efficient electrocatalyst for alkaline water oxidation reaction

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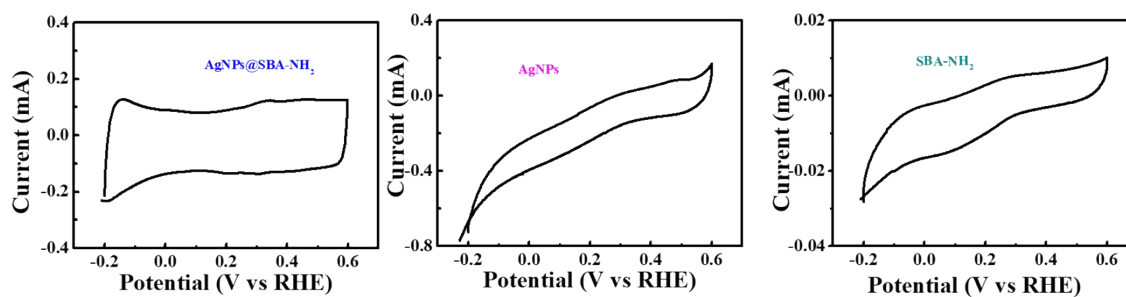


Figure S1. CV plots of as-synthesised AgNPs@SBA-NH₂, AgNPs and SBA-NH₂ materials in phosphate buffer (pH = 7) at a scan rate of 50 mV/s for TOF calculations.

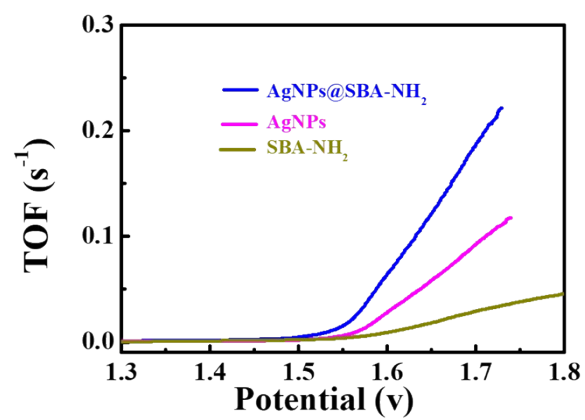


Figure S2. TOF plot of as-synthesised AgNPs@SBA-NH₂, AgNPs and SBA-NH₂.

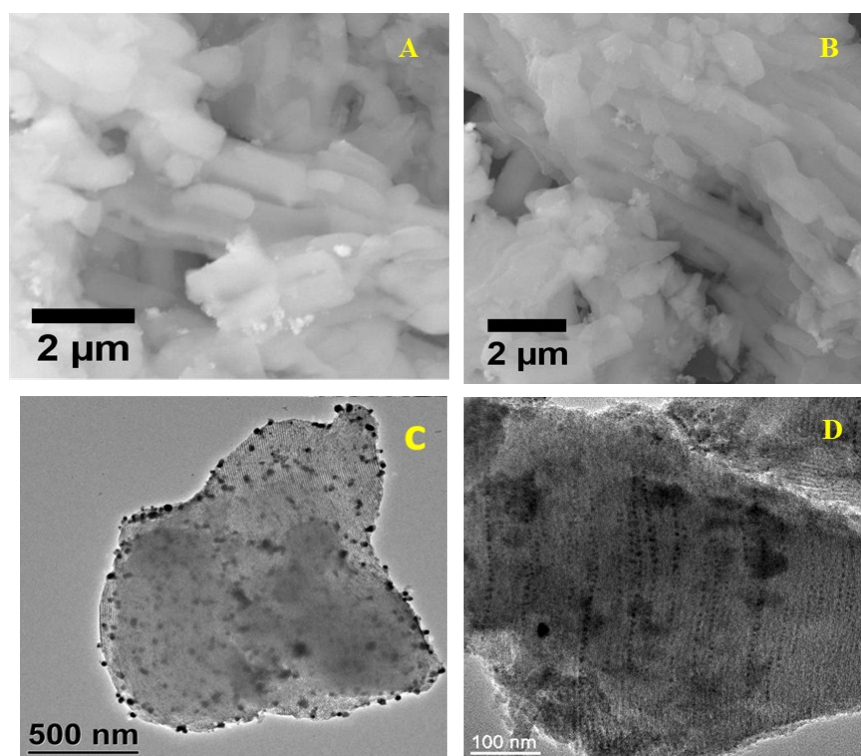


Figure S3. FESEM images of AgNPs@SBA-NH₂ before (A) and after electrocatalysis (B). TEM images of AgNPs@SBA-NH₂ before (C) and after electrocatalytic OER experiment (D).