

Electronic Supplementary Information

Controlled electrodeposition of Iron oxide/Nickel oxide@Ni for the investigation of the effect of stoichiometry and particle size on energy storage and water splitting application

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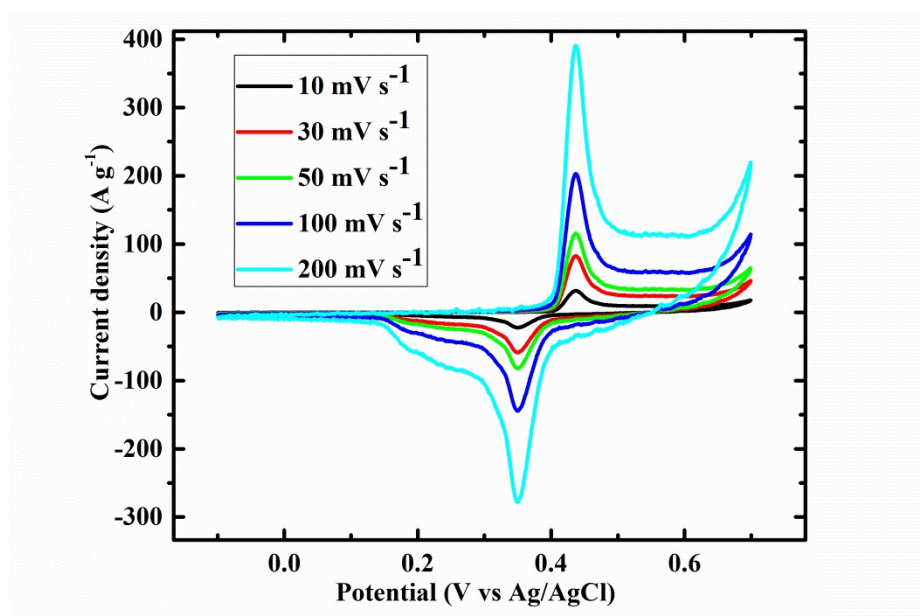


Figure 1 CV of MMO@NF0 at different scan rate

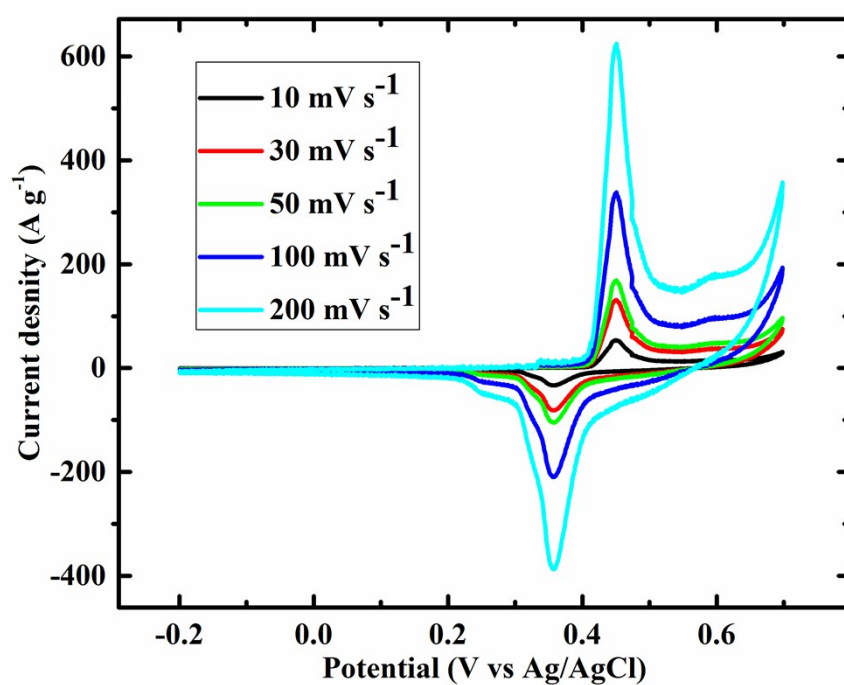


Figure 2 CV of MMO@NF1 at different scan rate

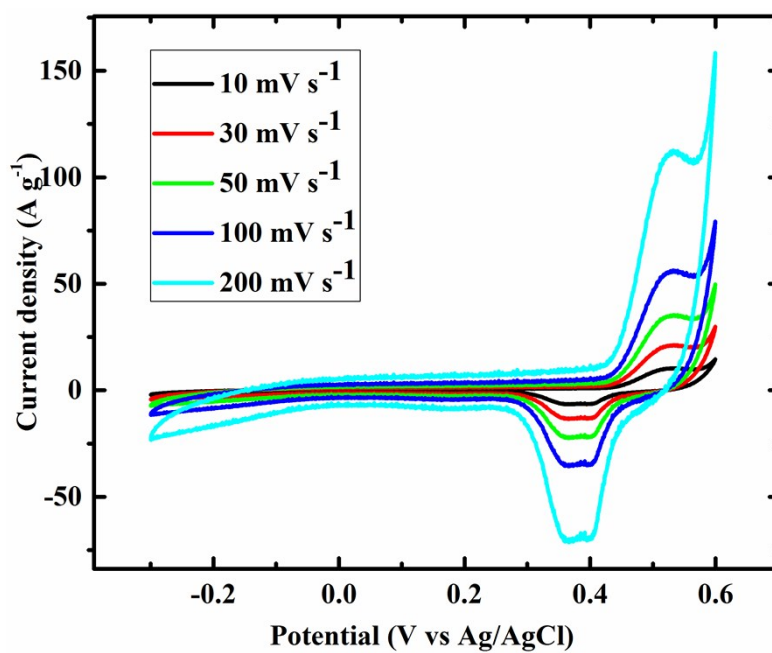


Figure 3 CV of MMO@NF2 at different scan rate

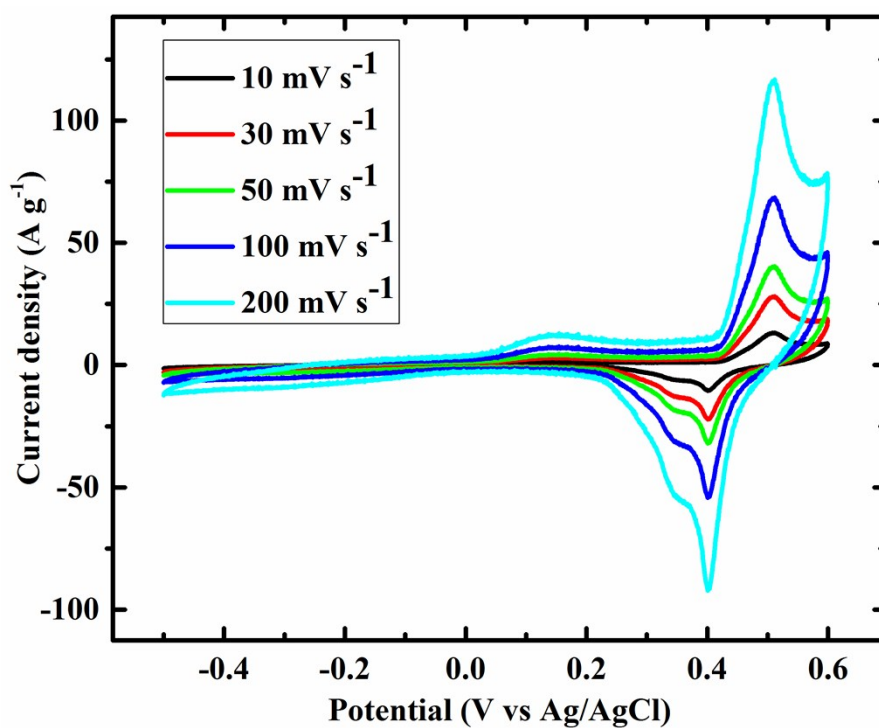


Figure 4 CV of MMO@NF3 at different scan rate

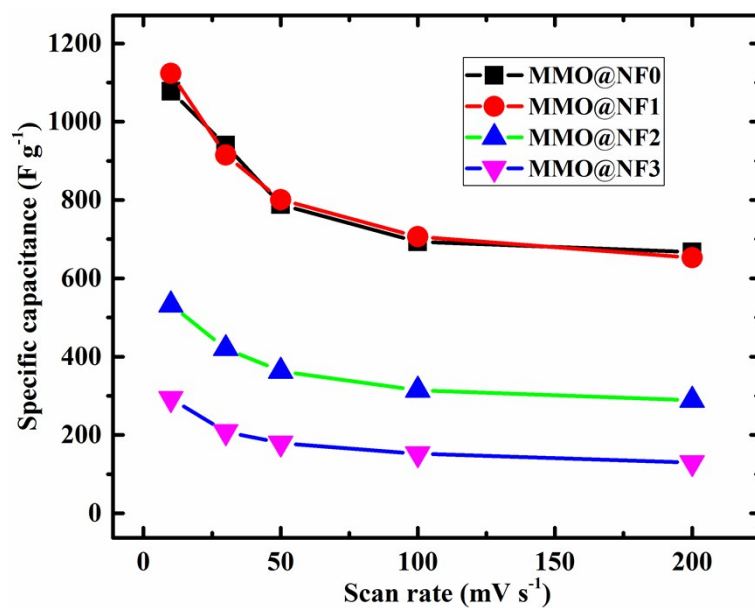


Figure 5 Variation of specific capacitance of MMO@NF0, MMO@NF1, MMO@NF2 and MMO@NF3 with scan rate

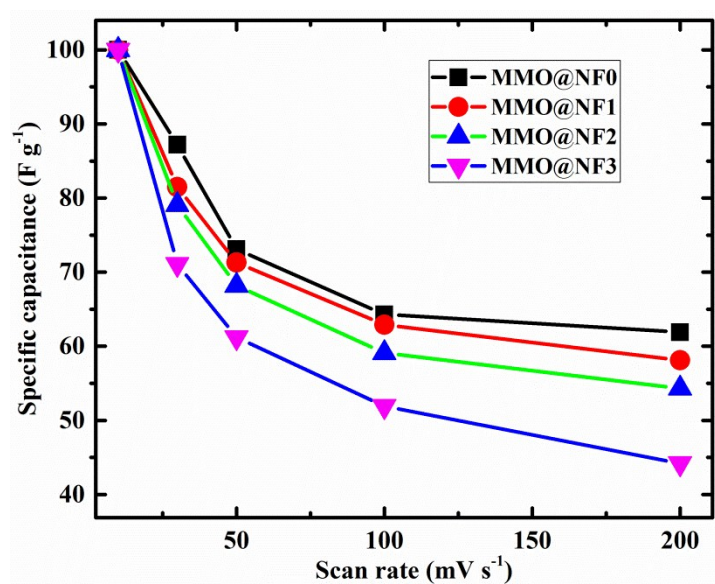


Figure 6 Retention of specific capacitance of MMO@NF0, MMO@NF1, MMO@NF2 and MMO@NF3 with scan rate

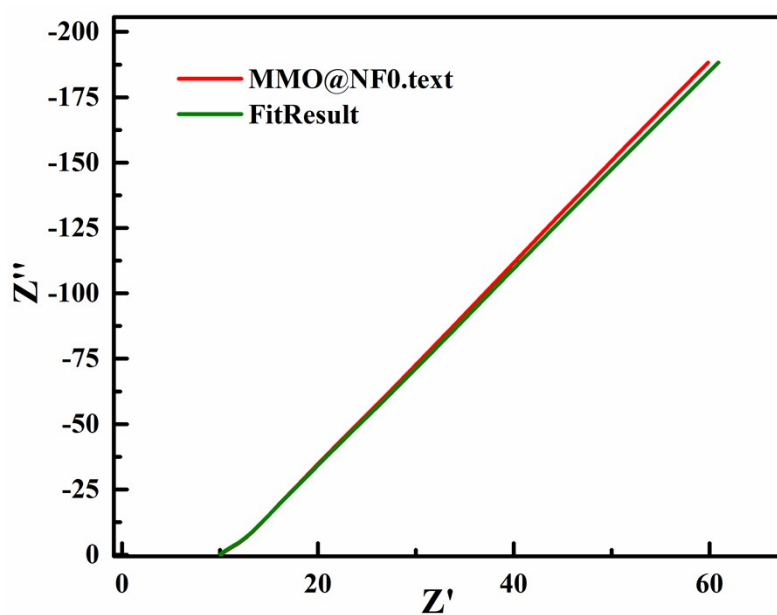


Figure 7 ZView fitted Nyquist plot of MMO@NF0 at different scan rate

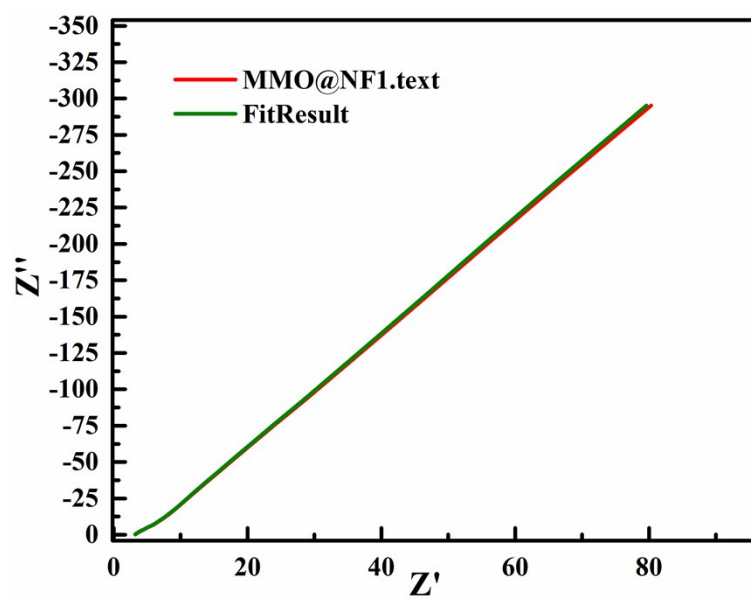


Figure 8 ZView fitted Nyquist plot of MMO@NF1 at different scan rate

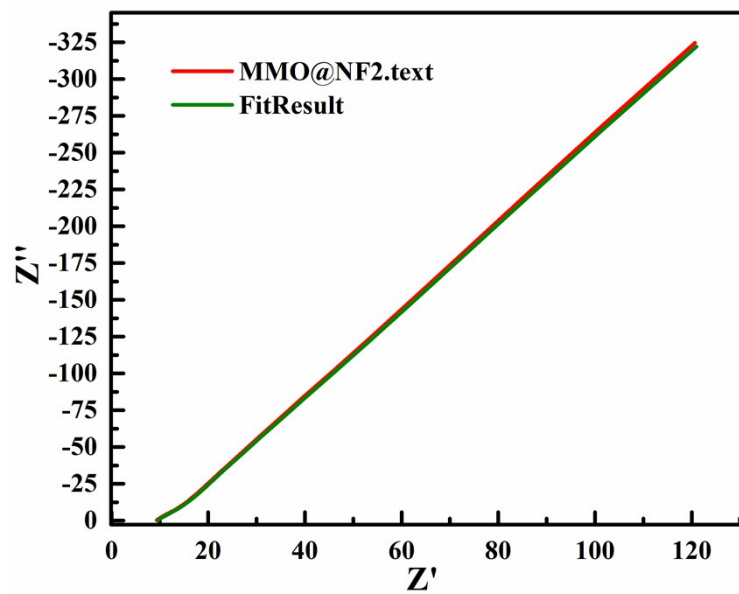


Figure 9 ZView fitted Nyquist plot of MMO@NF2 at different scan rate

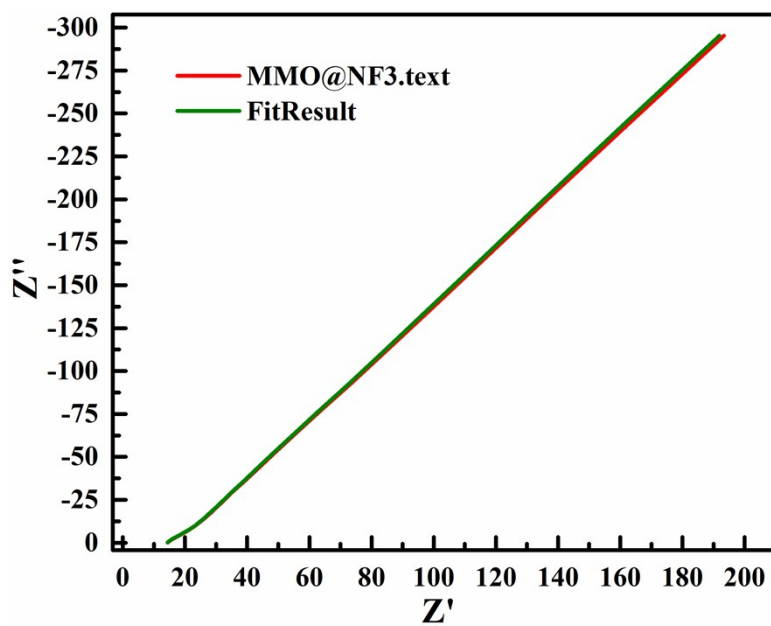


Figure 10 ZView fitted Nyquist plot of MMO@NF3 at different scan rate

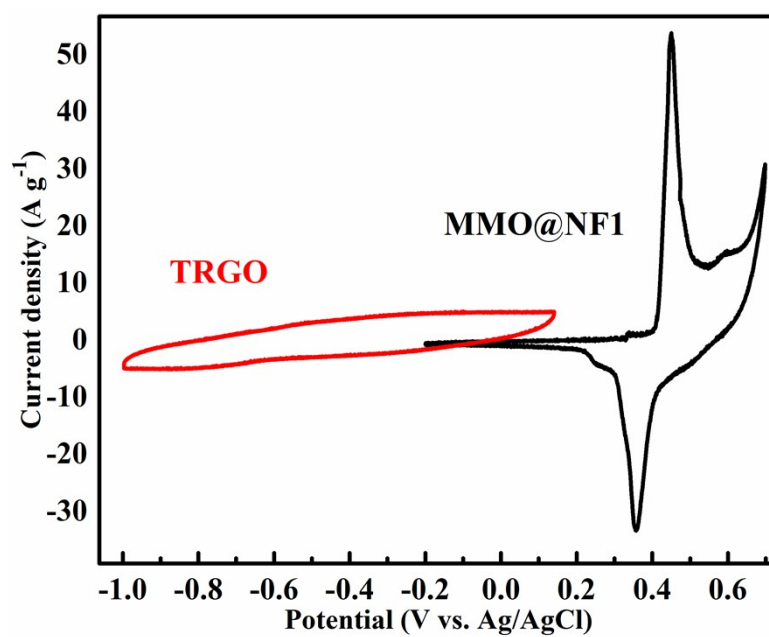


Figure 11 Comparison of the CV of MMO@NF1 and TRGO

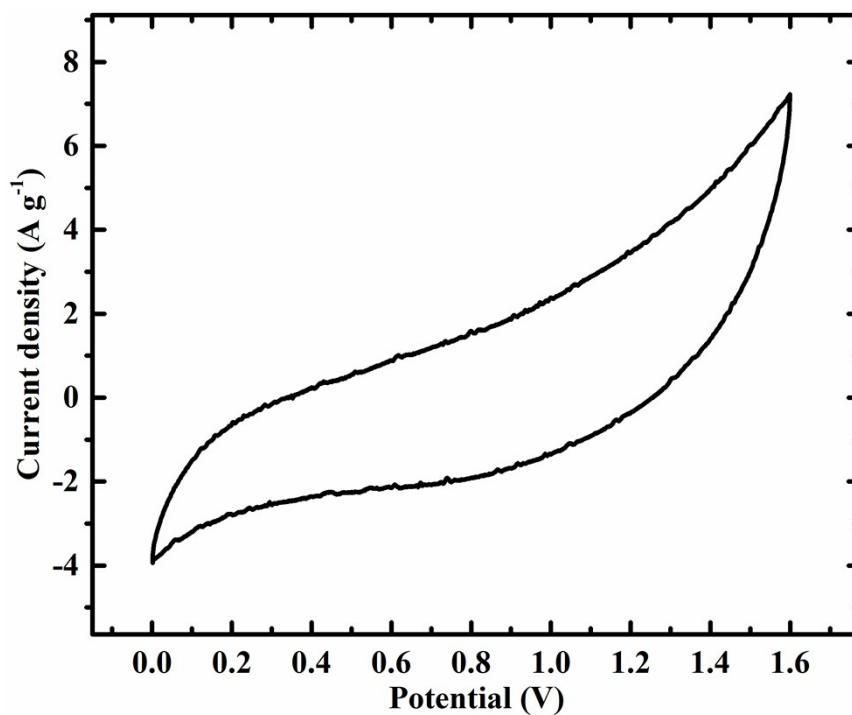


Figure 12 CV of ASC at 10 mV s^{-1} scan rate

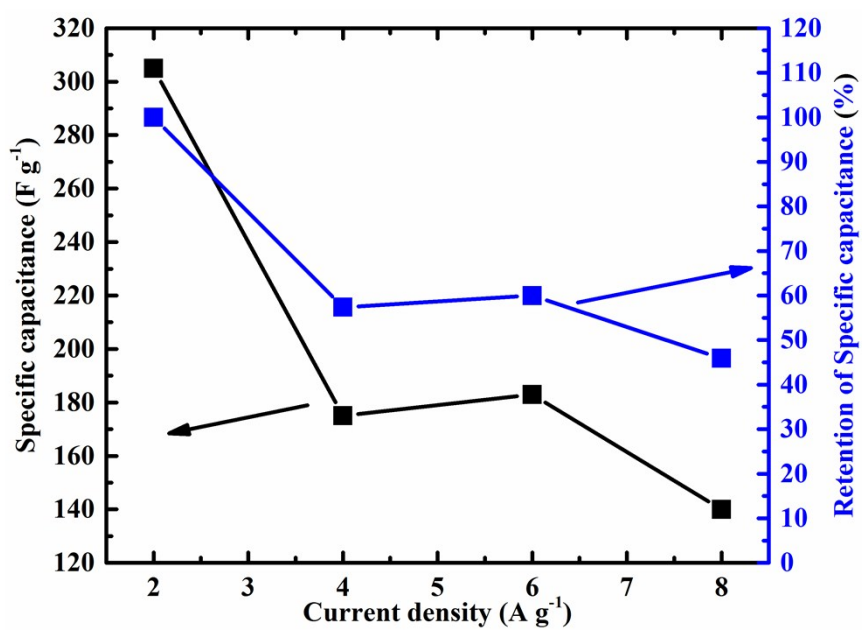


Figure 13 Variation and retention of the specific capacitance of ASC with different current density.