

Electronic Supporting Information (ESI) for

Growth of molybdenum carbide micro-islands on carbon cloth toward binder-free cathode for efficient hydrogen evolution reaction

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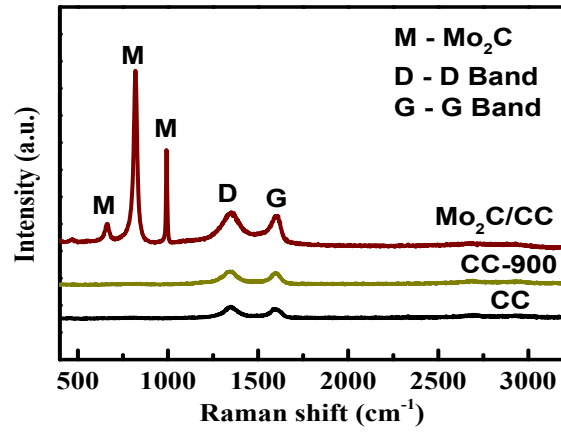


Fig. S1 Raman spectra of Mo₂C/CC, CC and CC after thermal treatment after 900 °C.

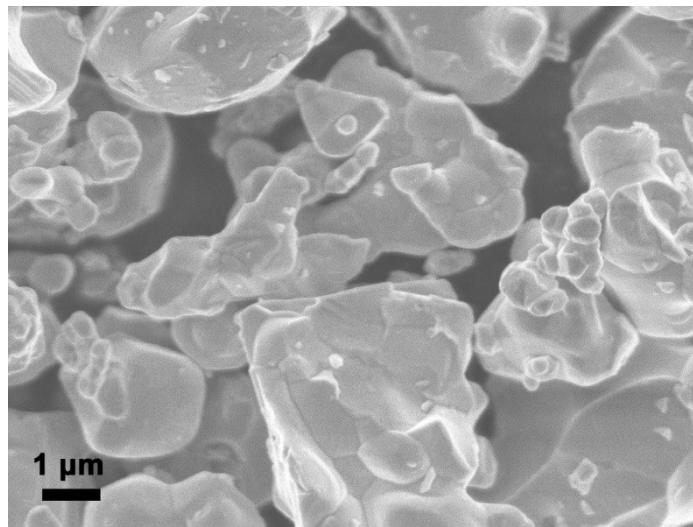


Fig. S2 SEM image of C-Mo₂C.

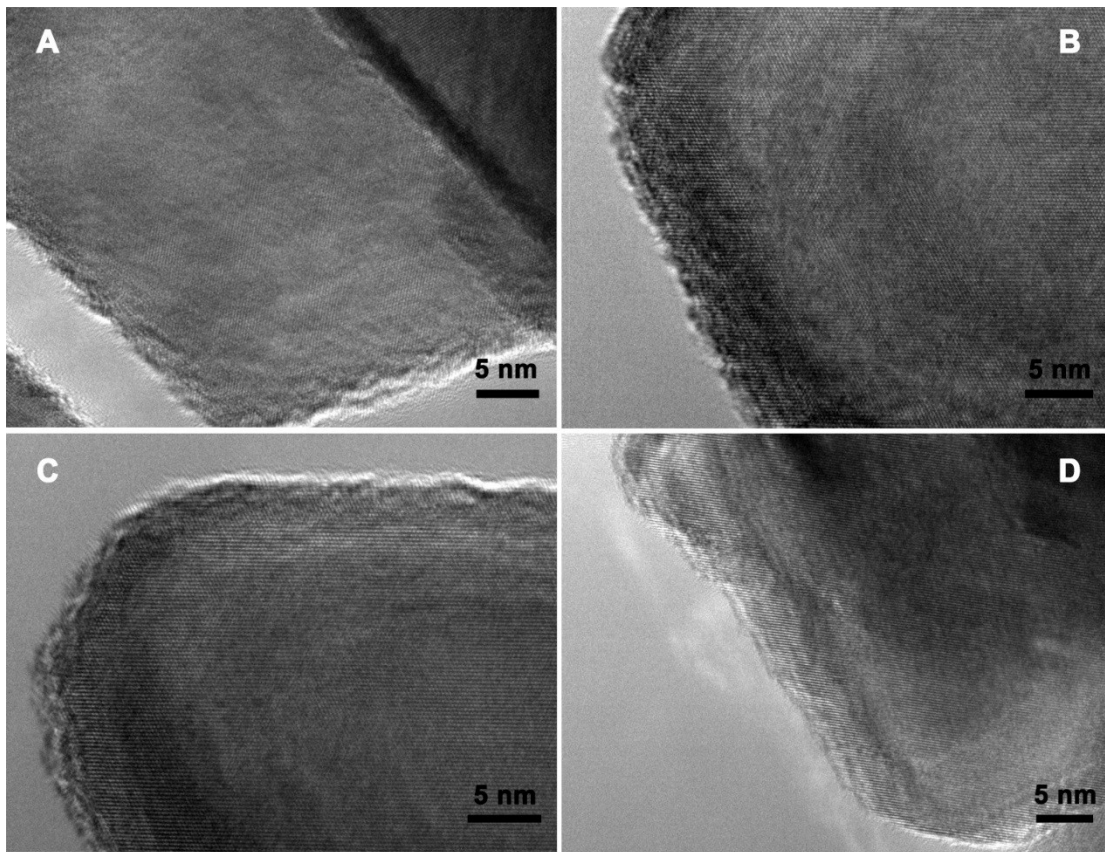


Fig. S3 HRTEM images of P-Mo₂C. These images show that there is no extra carbon around Mo₂C particles in the P-Mo₂C.

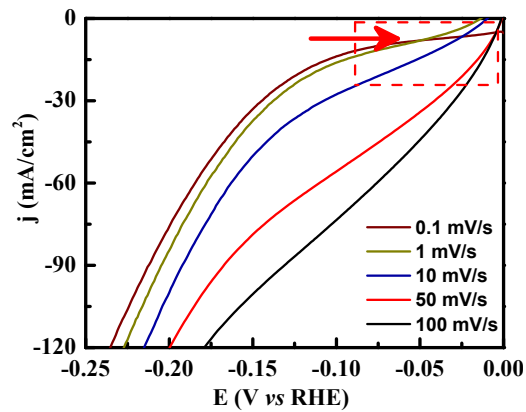


Fig. S4 polarization curves with Mo₂C/CC at different scan rates (0.1-100 mV/s). From the figure, it is seen that low scan rate can reduce the capacitive current, but do not completely eliminate the capacitive current.