

# A Sustainable Approach to the Preparation of MoO<sub>2</sub> Quantum Dots and the Pseudocapacitive Performance before and after Calcination

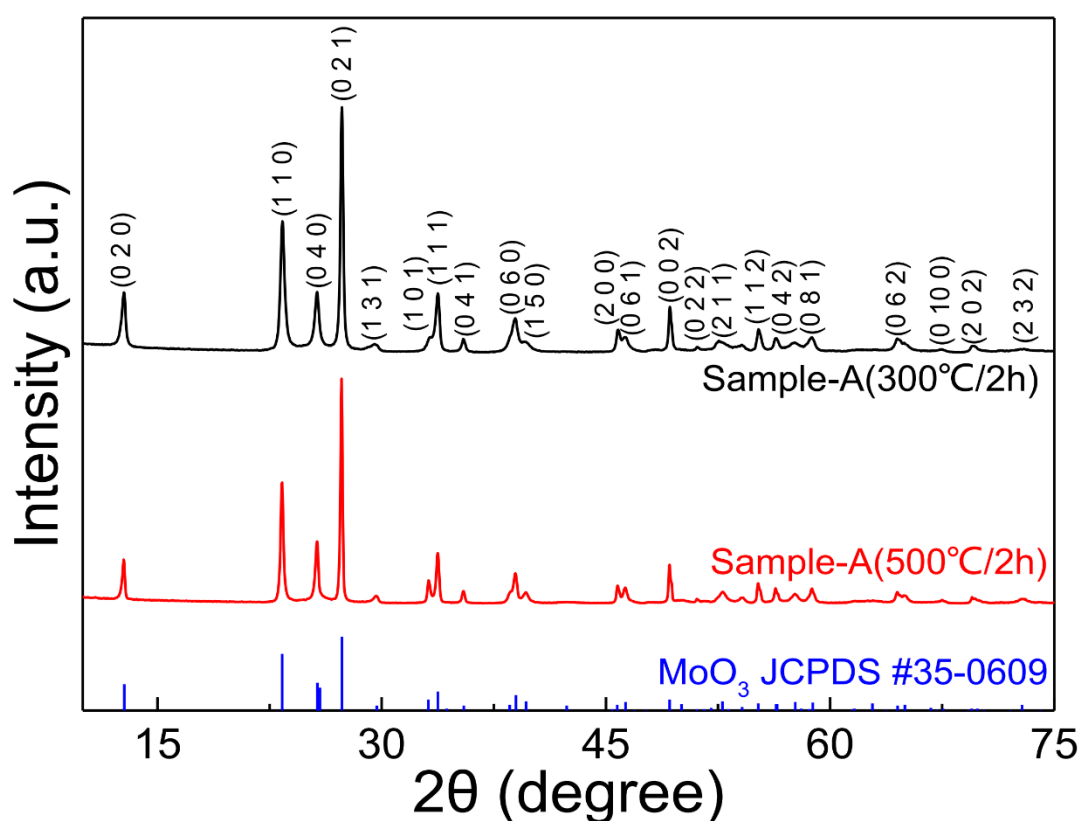
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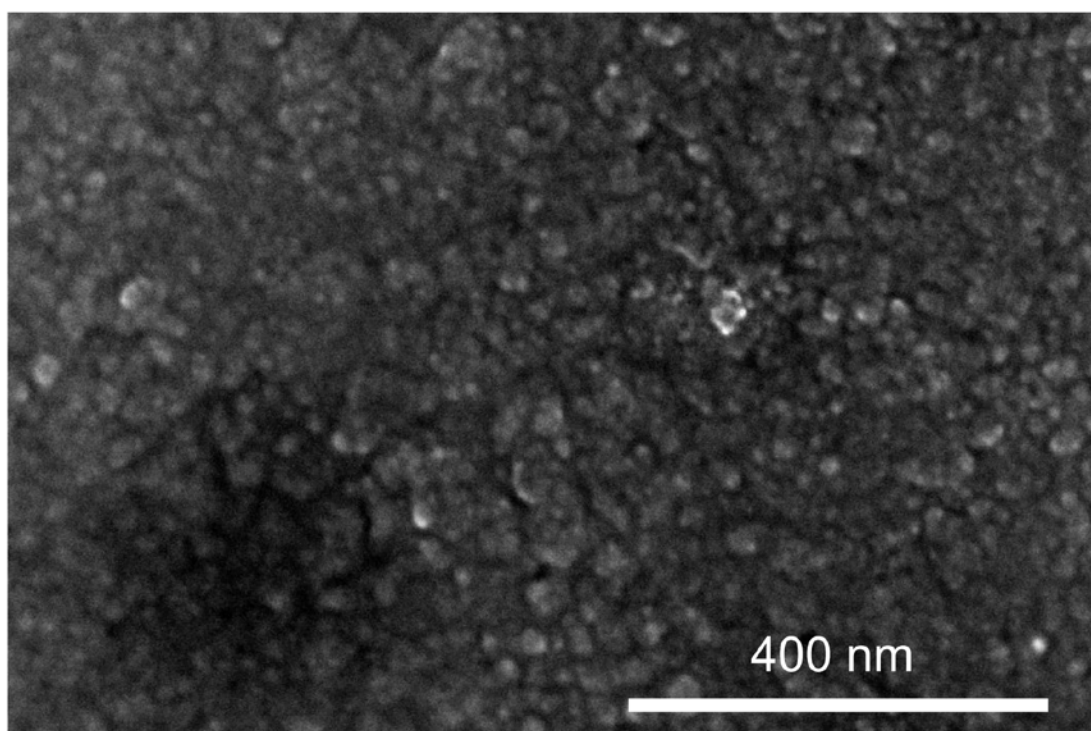
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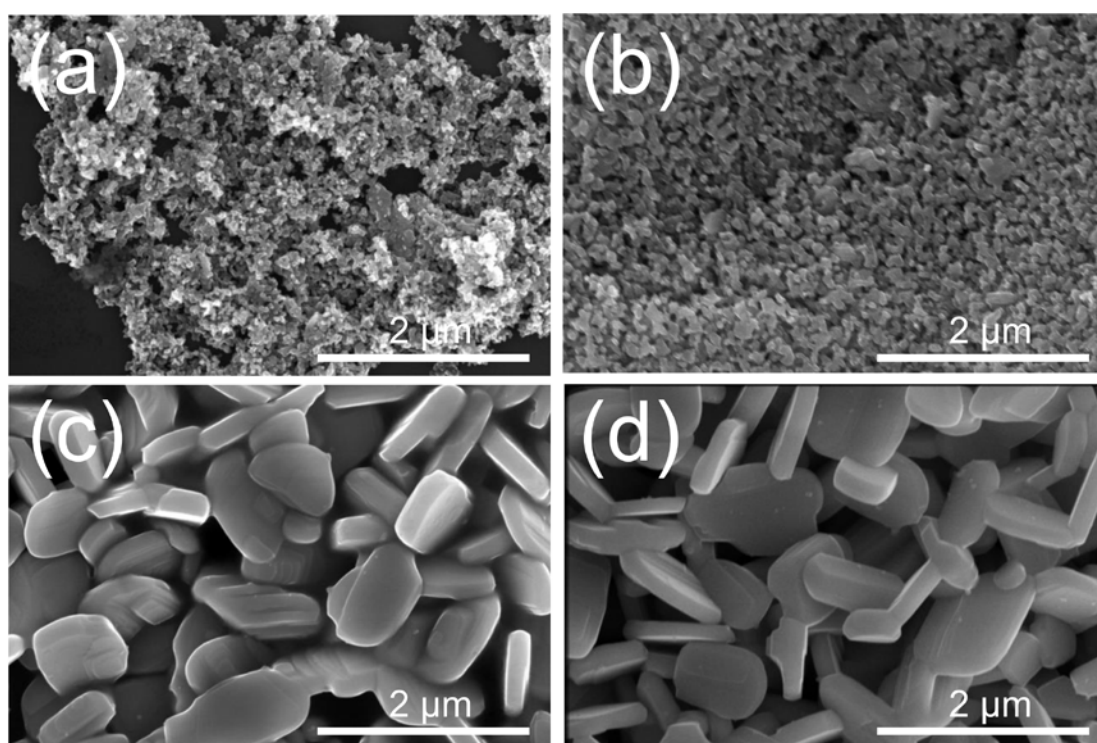
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**Figure S1.** XRD patterns of the Sample-A(300 °C/2 h) and Sample-A(500 °C/2 h).



**Figure S2.** FESEM image of the Sample-U.



**Figure S3.** FESEM images of the Sample-A(300 °C/1 h) (a), Sample-A(350 °C/1 h) (b), Sample-A(450 °C/1 h) (c) and Sample-A(500 °C/1 h) (d).

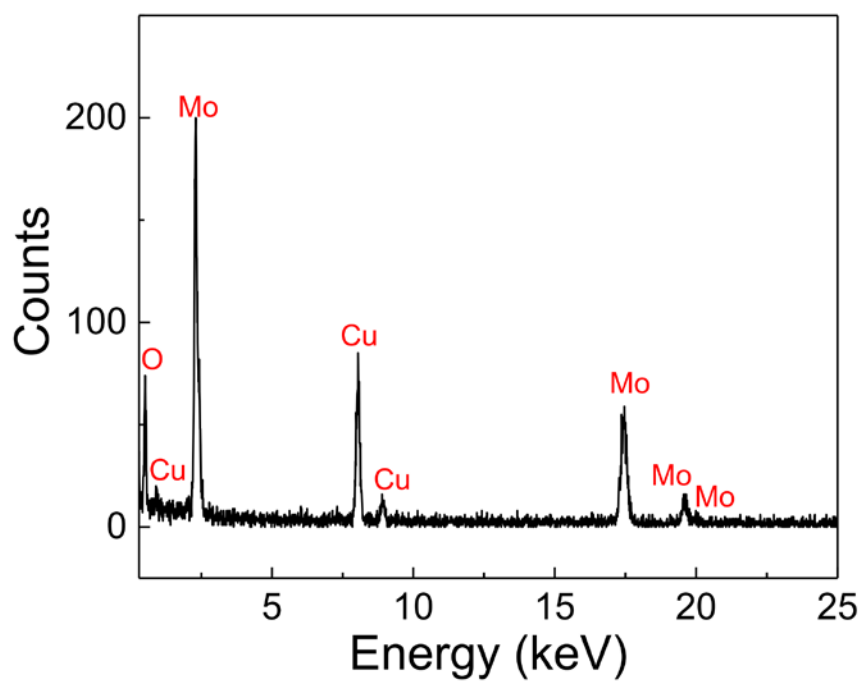


Figure S4. EDS result of the Sample-V.

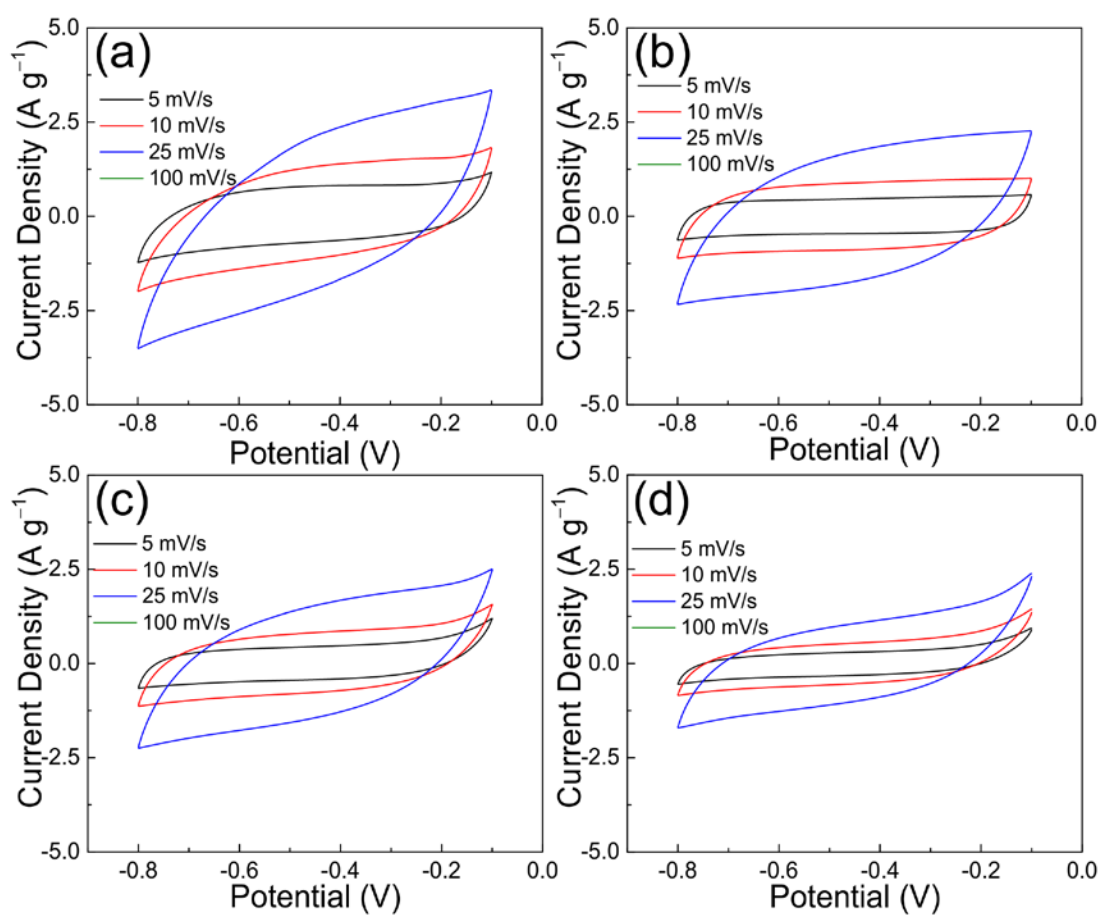
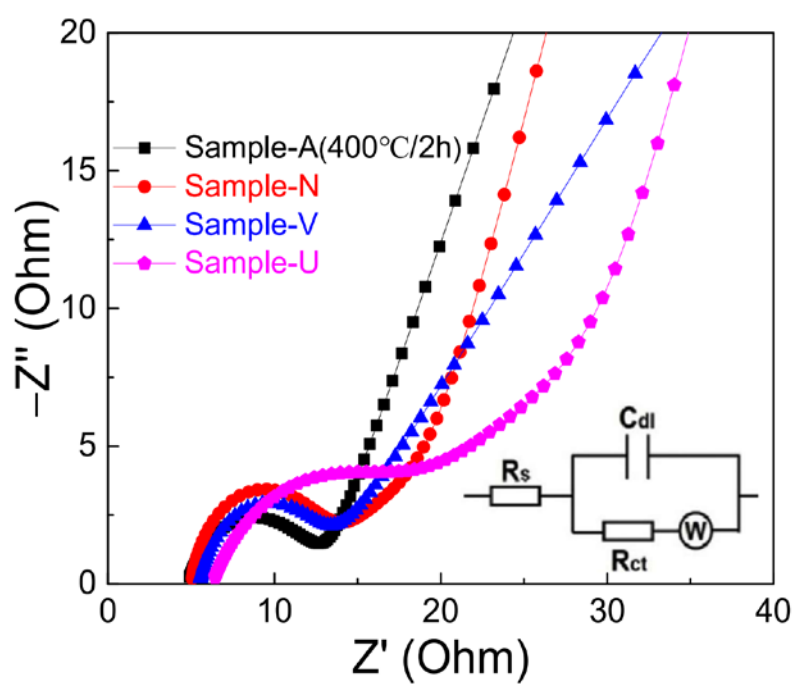


Figure S5. CV curves of the Sample-A(400 °C /2 h) (a), Sample-N (b), Sample-V (c) and Sample-U (d).



**Figure S6.** Fitting curves of the Nyquist plots of the Sample-U, Sample-A(400 °C/2 h), Sample-N and Sample-V; the inset is the proposed equivalent circuit.