

## Supporting Information

### **Hydrothermally prepared MnSe electrode as a promising pseudocapacitive material for high-performance supercapacitor**

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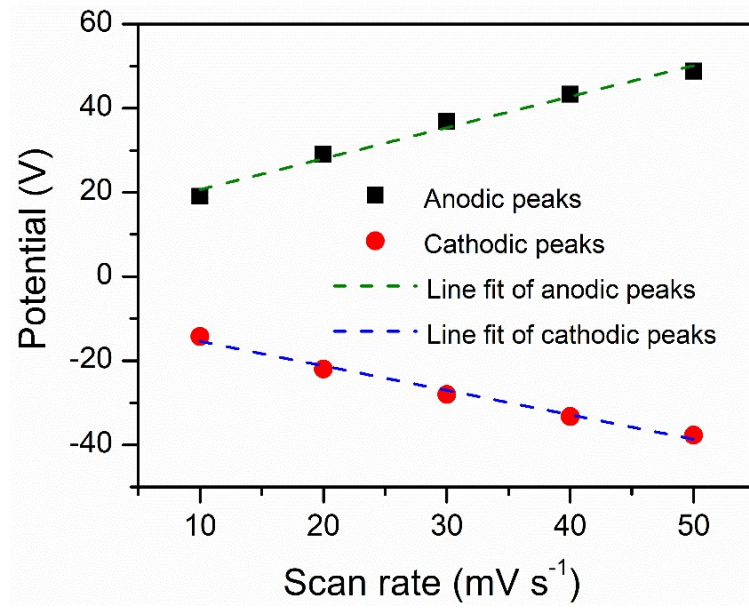


Fig. S1 Plots of anodic and corresponding cathodic peak density of MnSe electrode versus the square root of the scan rate.

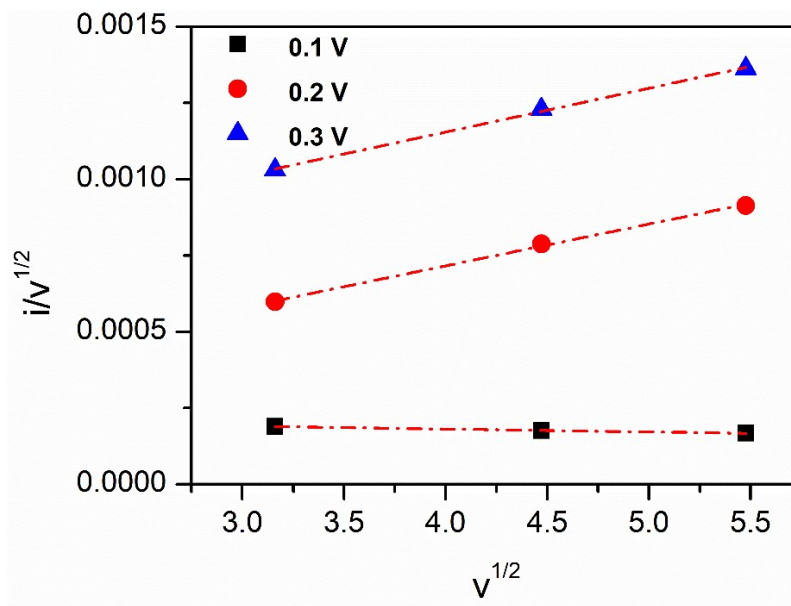


Fig. S2 The plot of  $\frac{1}{v^2} vs \frac{1}{i v^2}$  to calculate the constant  $k_1$  and  $k_2$  at different potentials and scan rates.