Electronic Supplementary Material (ESI) for CrystEngComm.

Advanced $MnO_x/MnWO_4$ hetero-nanoflakes with abundant oxygen vacancies for high performance flexible asymmetric supercapacitors with high energy density

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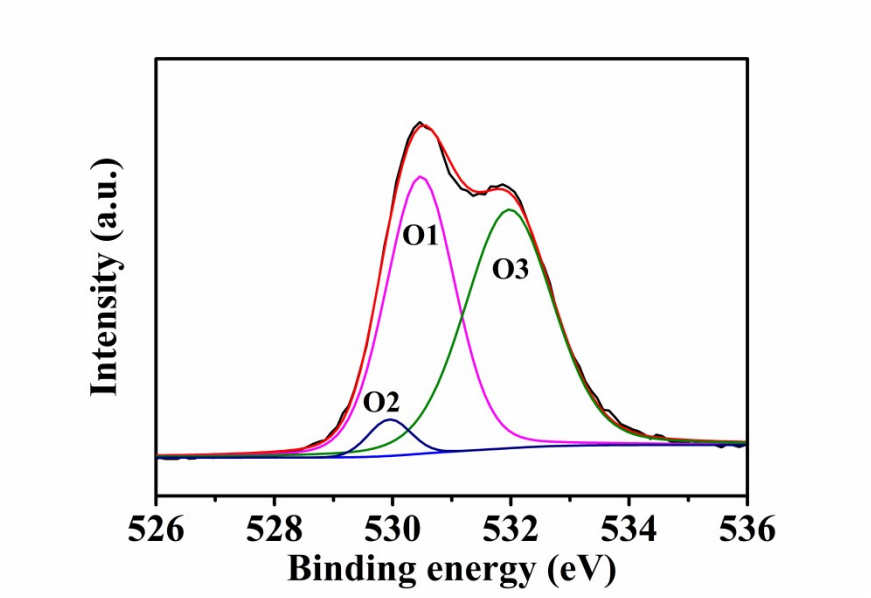

Fig. S1 The O 1s spectrum of $MnO_x/MnWO_4$@C-1 composites.

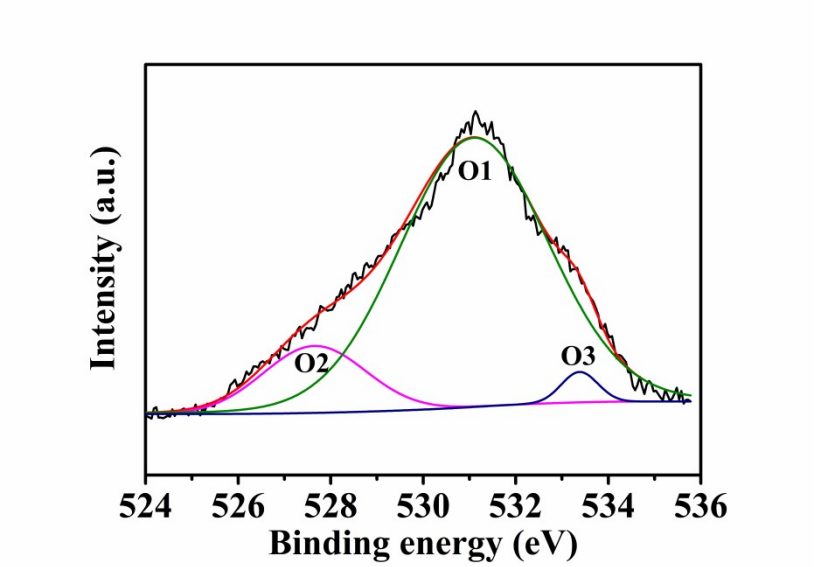

Fig. S2 The O 1s spectrum of $MnO_x/MnWO_4$@C-2 composites.

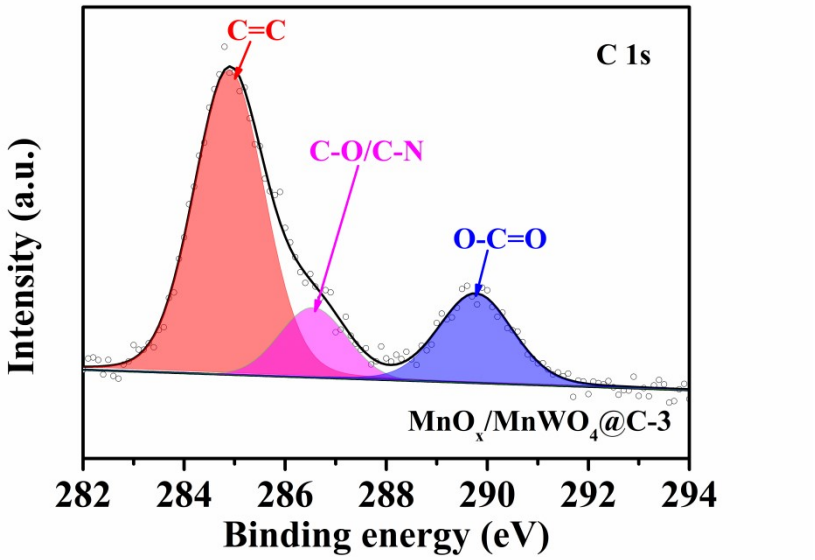

Fig. S3 C 1s spectrum of $MnO_x/MnWO_4$@C-3 composites.

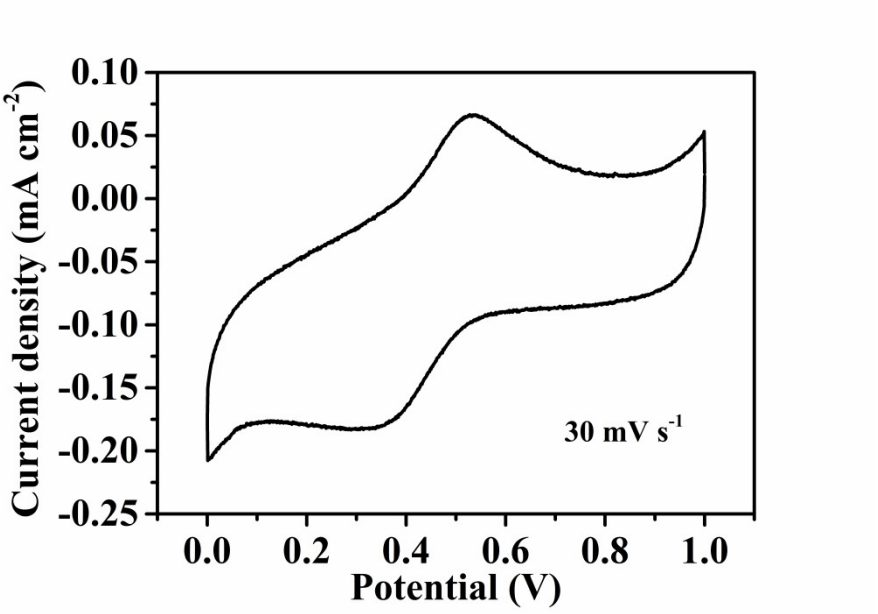

Fig. S4 CV curves of pure carbon electrode cathode at the scan rate of 30 mV s^{-1}.

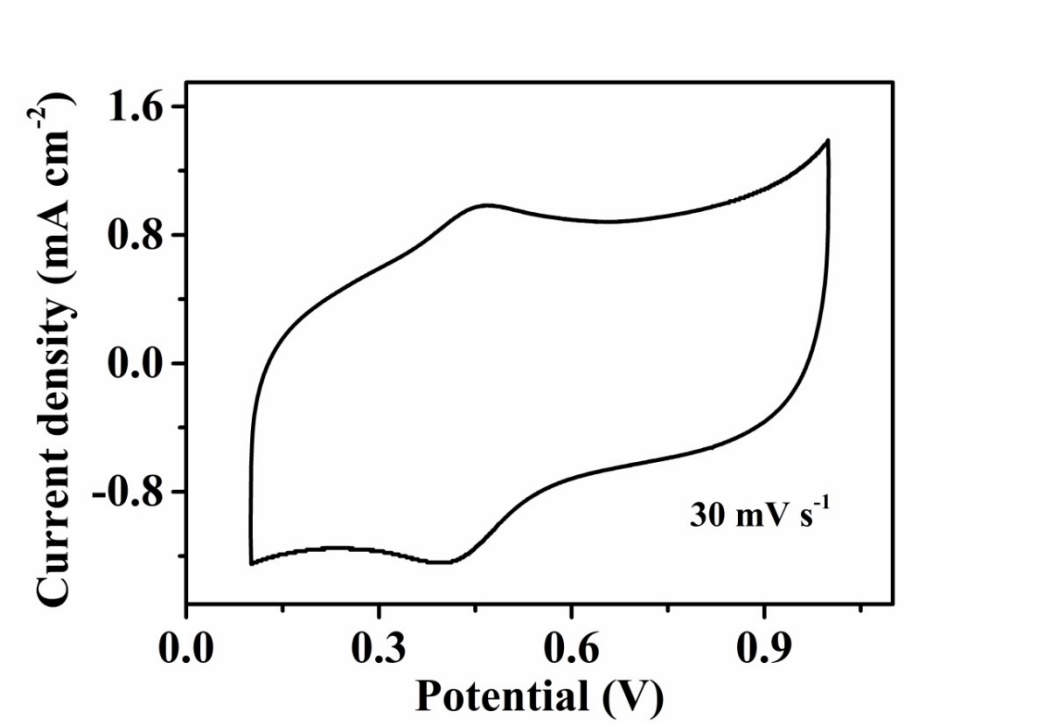

Fig. S5 CV curves of NCM-41 electrode cathode at the scan rate of 30 mV s^{-1}.

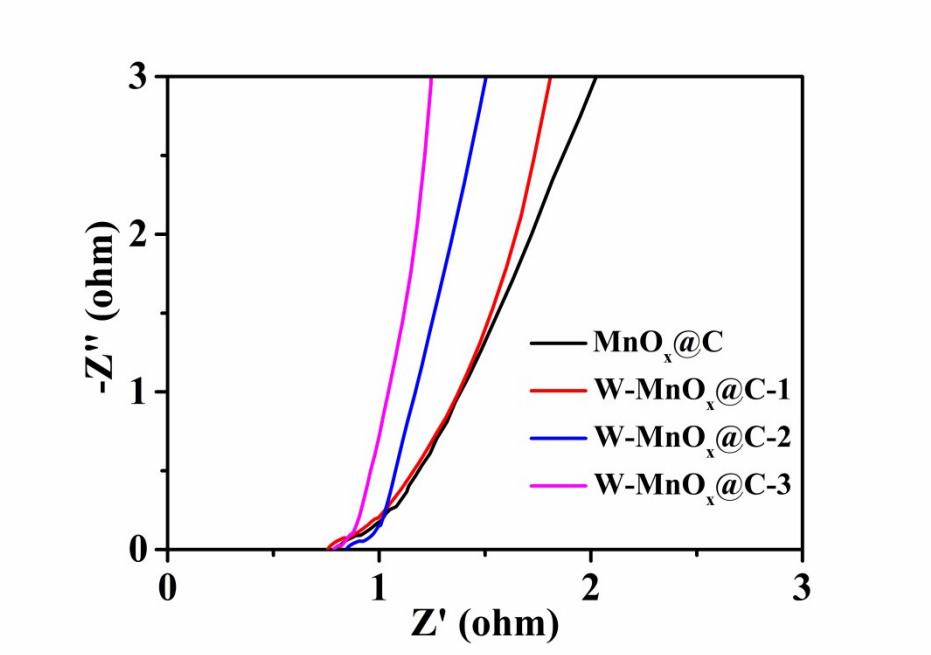

Fig. S6 The impedance spectrum curves of MnO_x@C, MnO_x/$MnWO_4$@C-1, MnO_x/$MnWO_4$@C-2 and MnO_x/$MnWO_4$@C-3 electrodes, respectively.

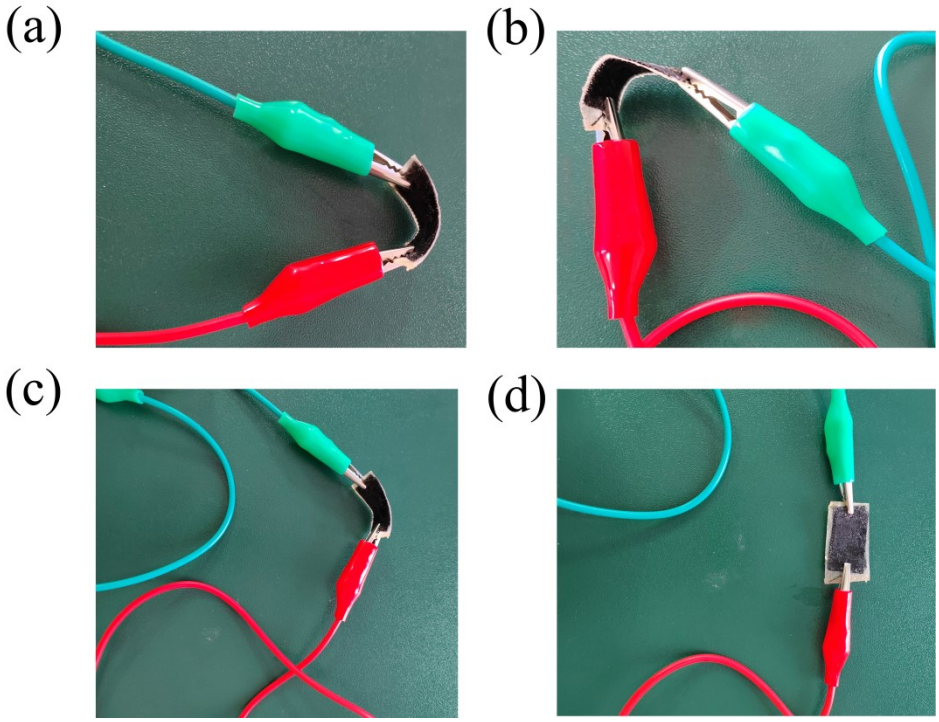

Fig. S7 (a, b, c, d) The picture of flexible asymmetric supercapacitors (FSCs) at the bending angle of 60°, 90°, 150°, 180°, respectively.