

Supporting Information

Supercapacitive All-Inorganic Nano Metal-Oxides' Complex: A 180°
Super-Bendable Asymmetric Energy Storage Device

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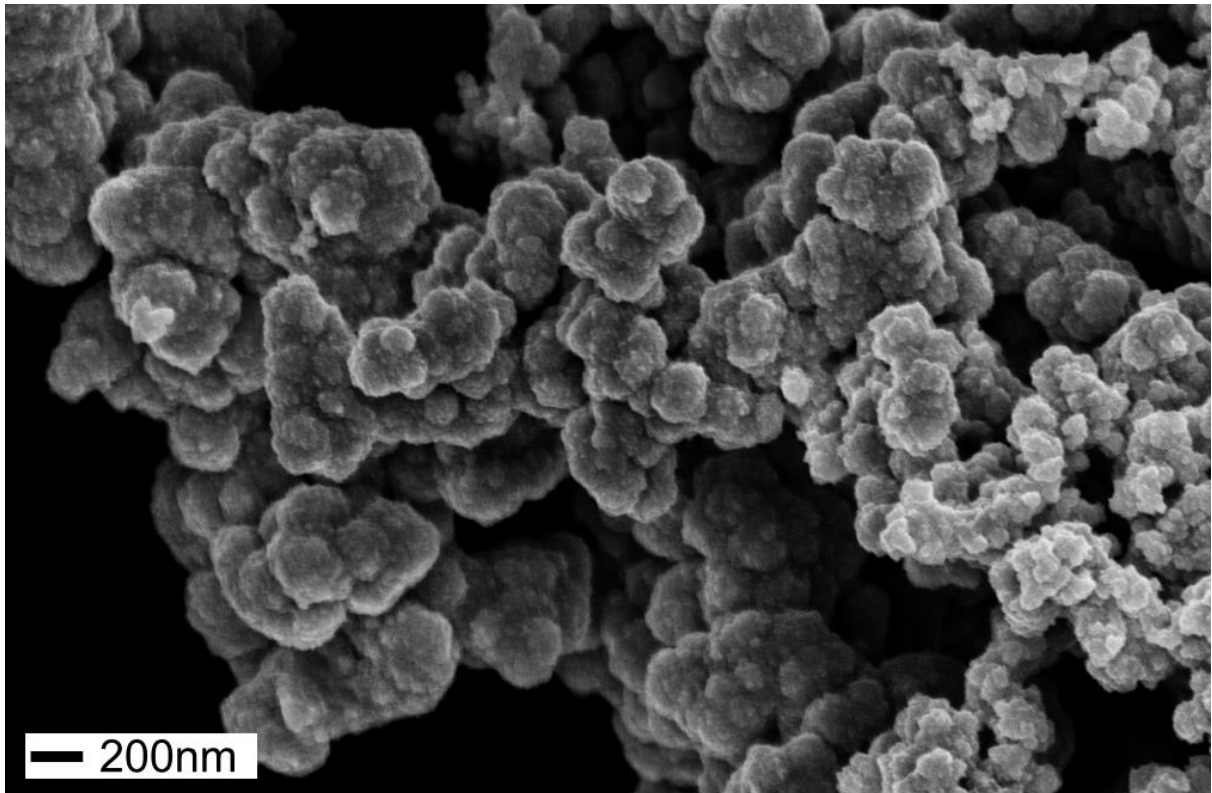


Figure S1: High resolution SEM image of WO₃ electrode.

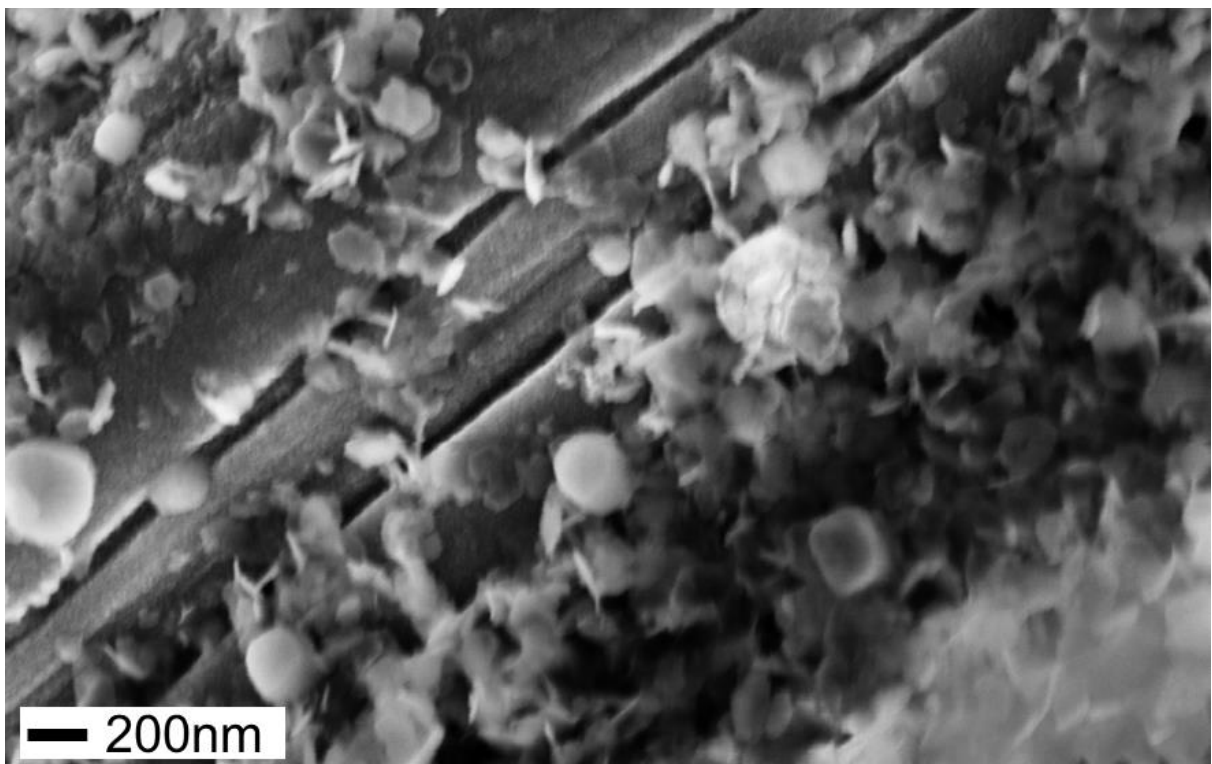


Figure S2: High resolution SEM image of Co₃O₄ electrode.

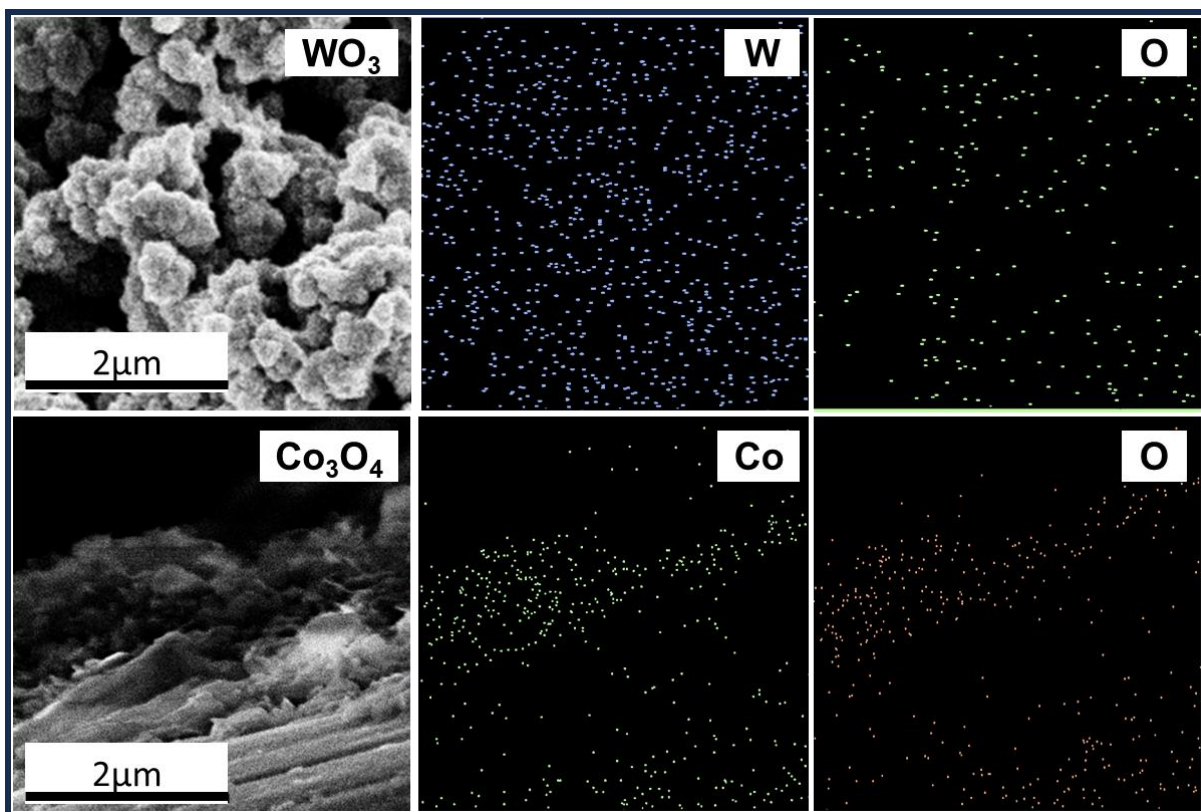


Figure S3: EDX spectra of Co_3O_4 and WO_3 electrodes with elemental mapping

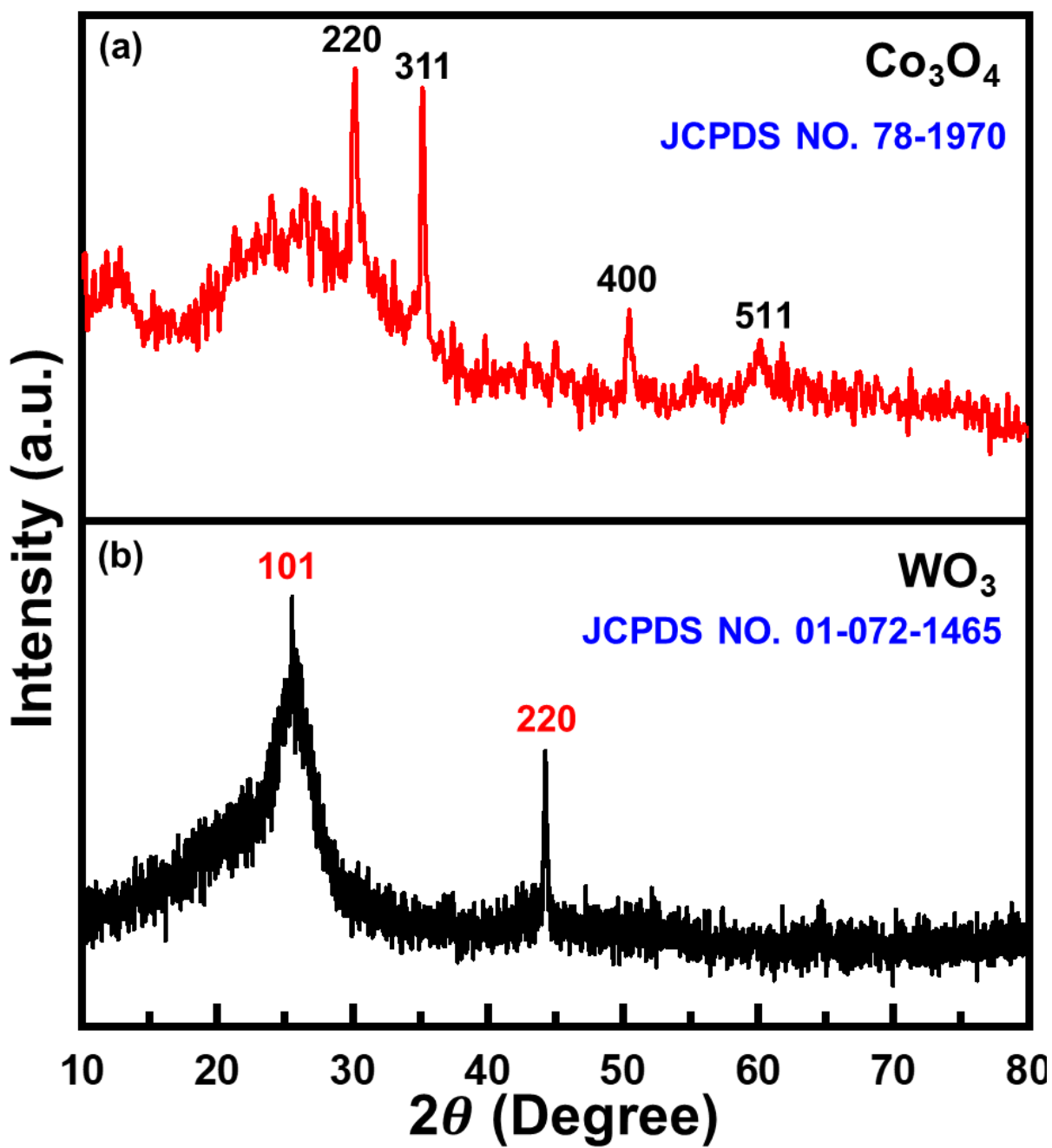


Figure S4: XRD pattern of (a) Co_3O_4 , and (b) WO_3 electrodes on carbon cloth.

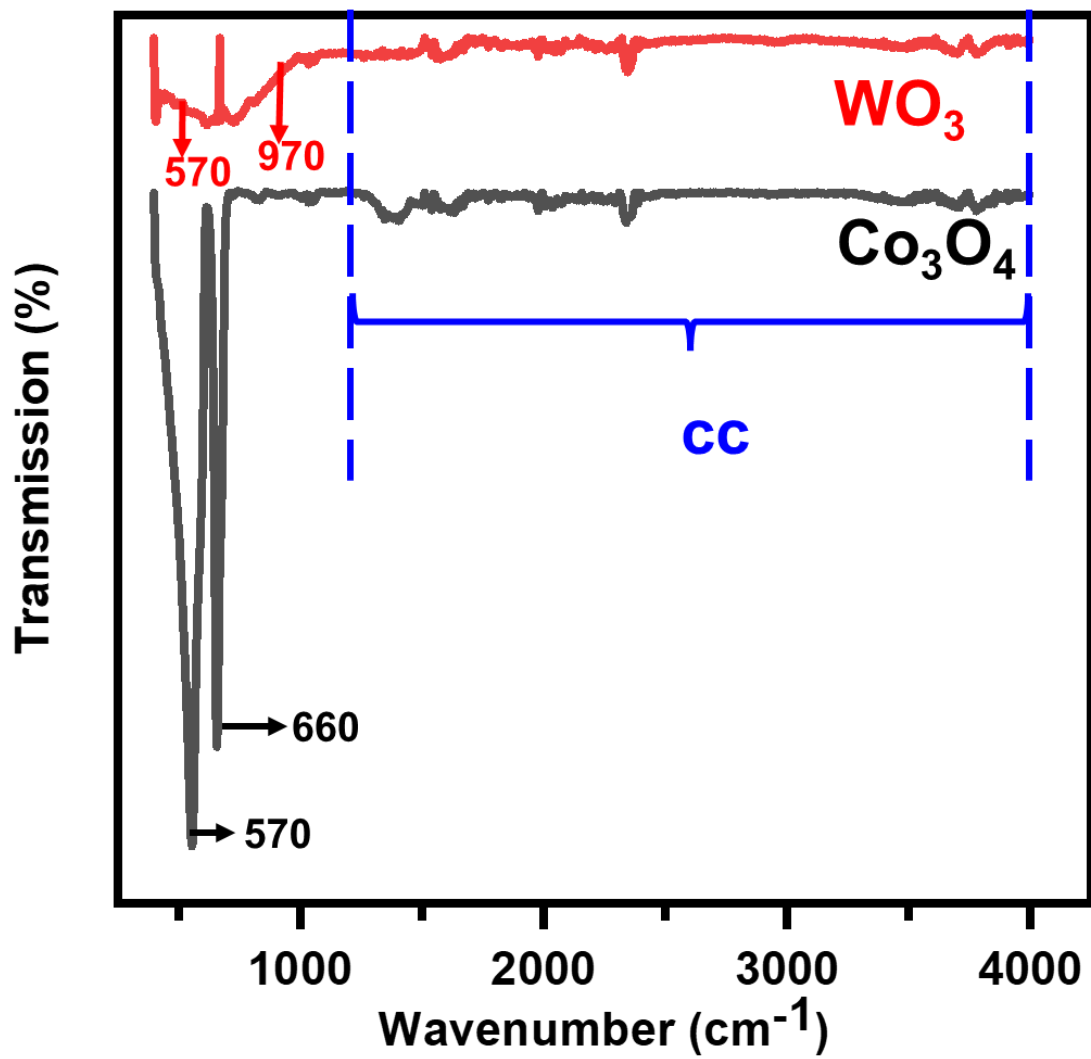


Figure S5: FTIR spectra of WO₃ and Co₃O₄ on CC.

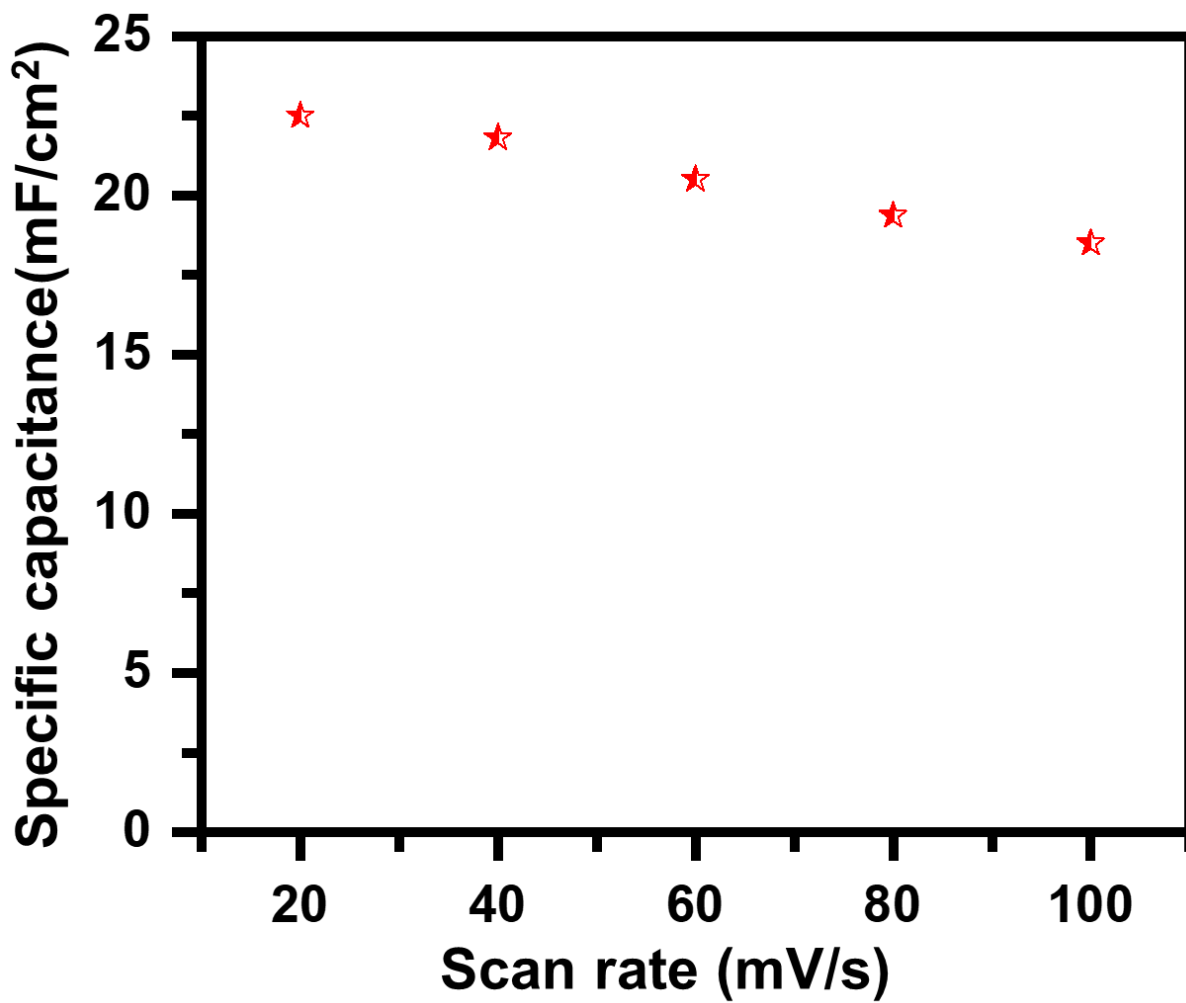


Figure S6: Variation of specific capacitance with scan rate for WO₃ electrode.

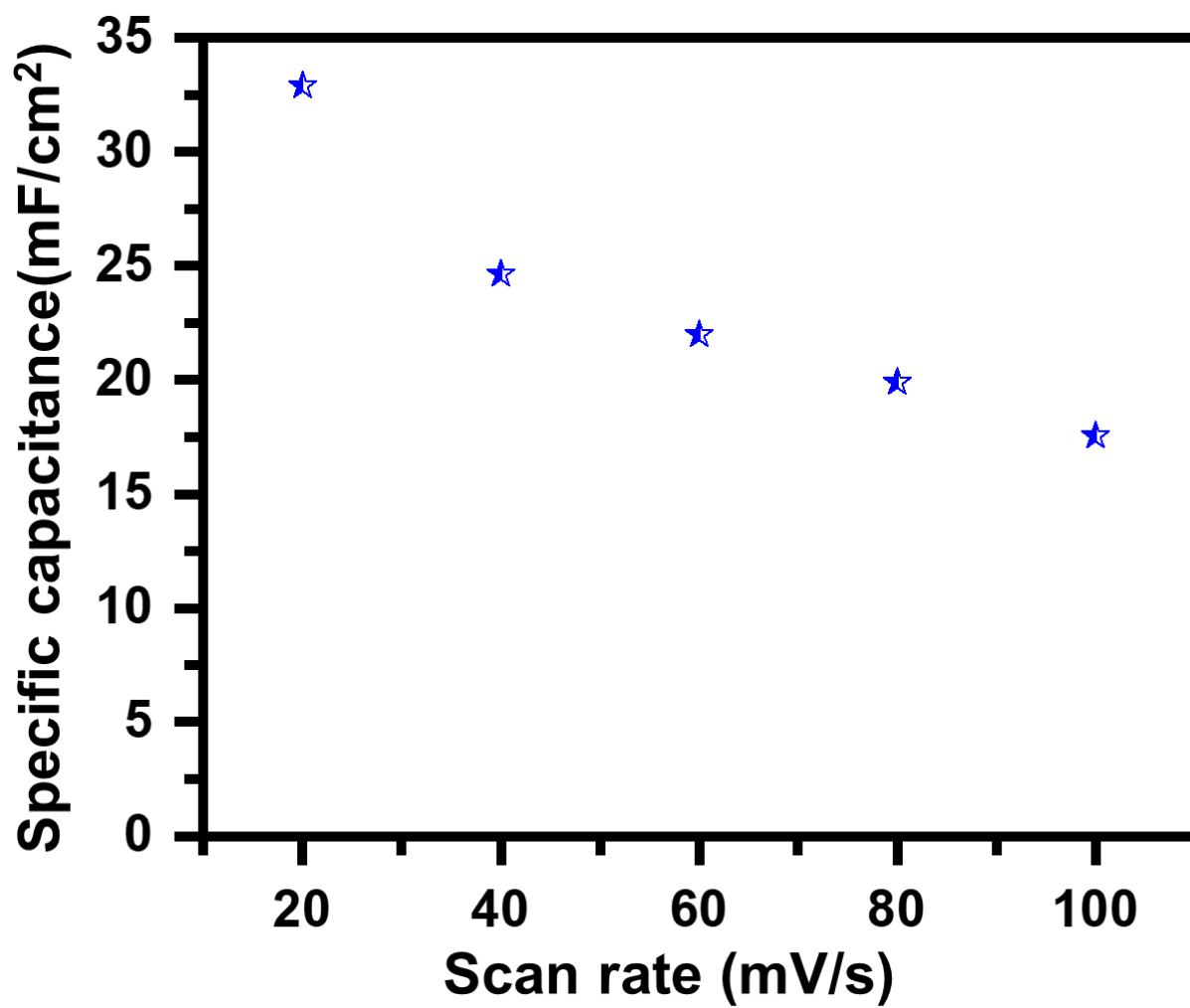


Figure S7: Variation of specific capacitance with scan rate for Co_3O_4 electrode.

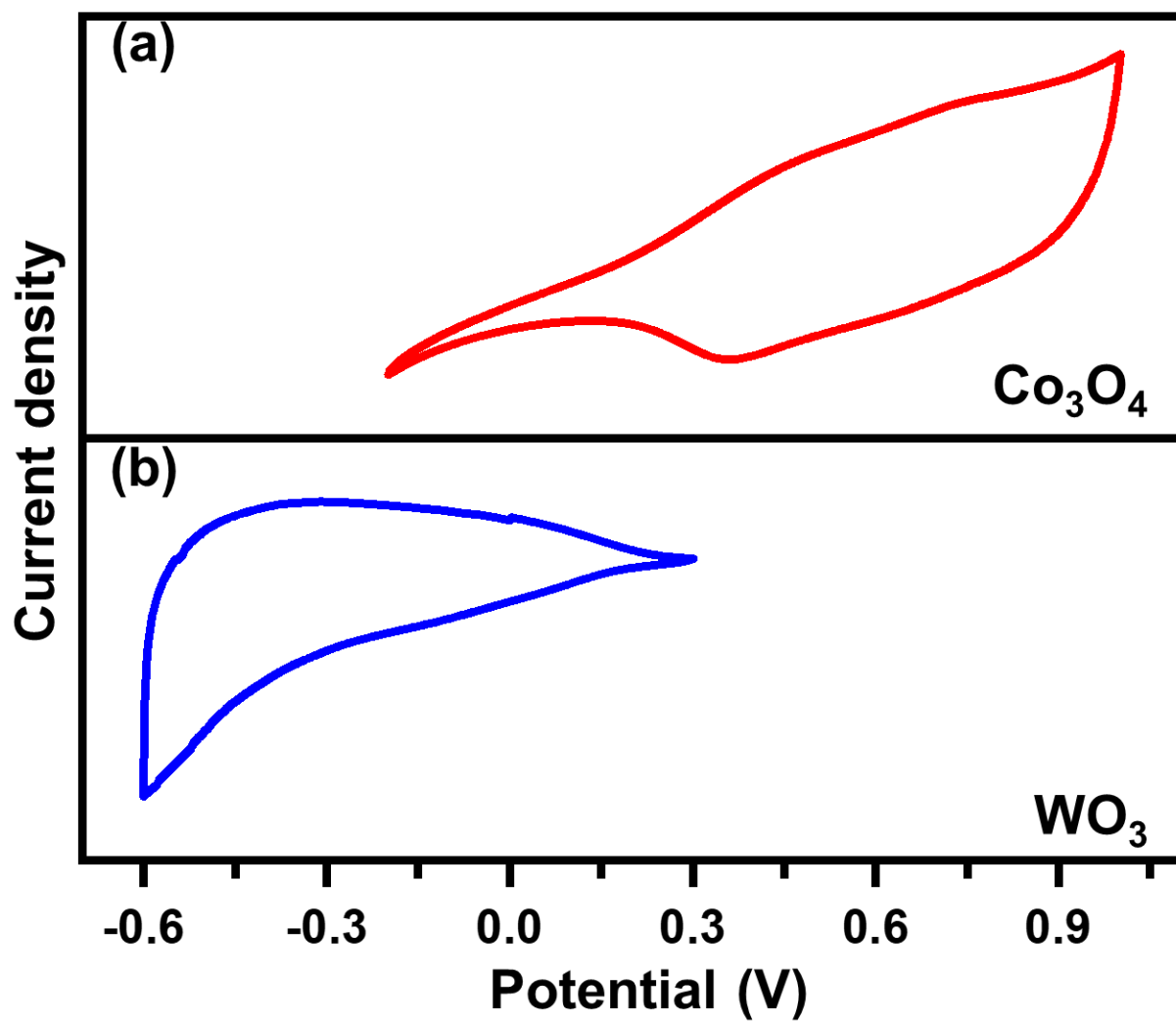


Figure S8: CV plots of (a) Co_3O_4 and (b) WO_3 electrodes at 20 mV/s.

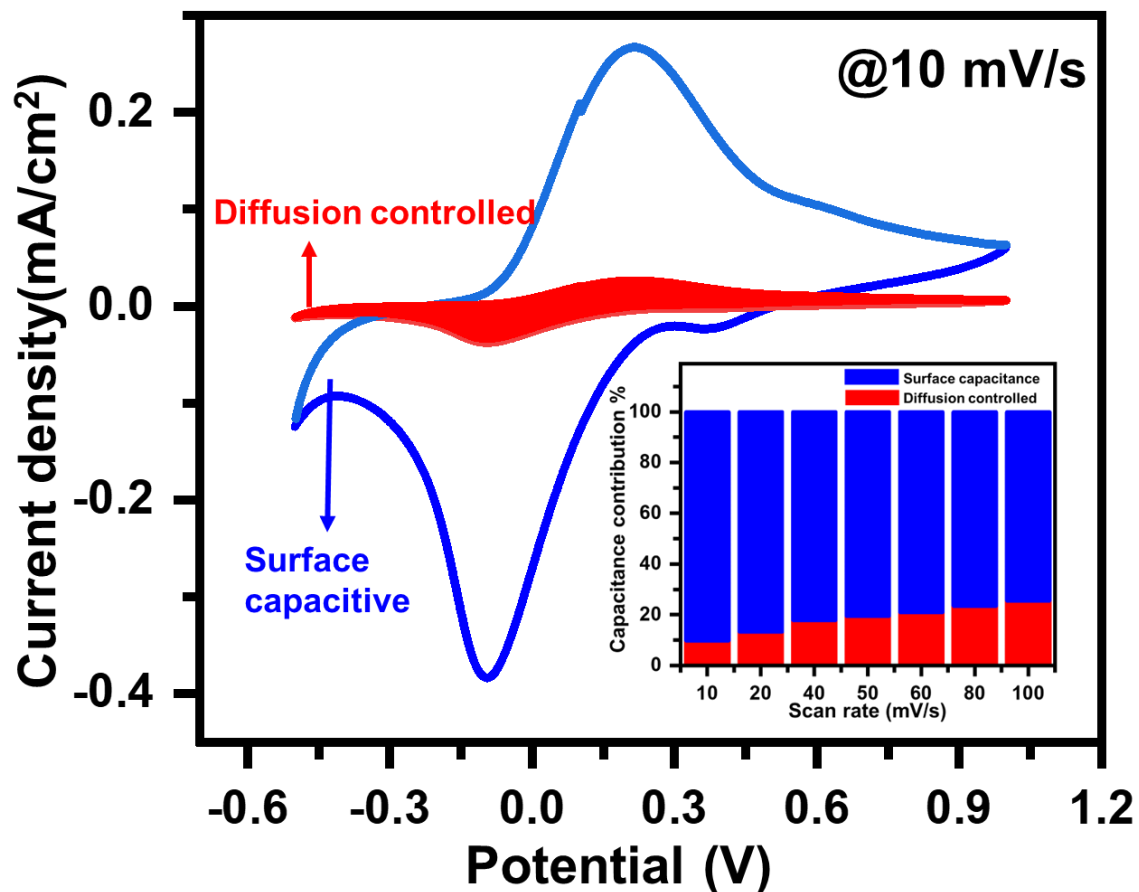


Figure S9: Areal representation (Inset: Histogram representation) of diffusion-controlled specific capacitance and surface-controlled specific capacitance of SSFSC $\text{Co}_3\text{O}_4/\text{WO}_3$ device.

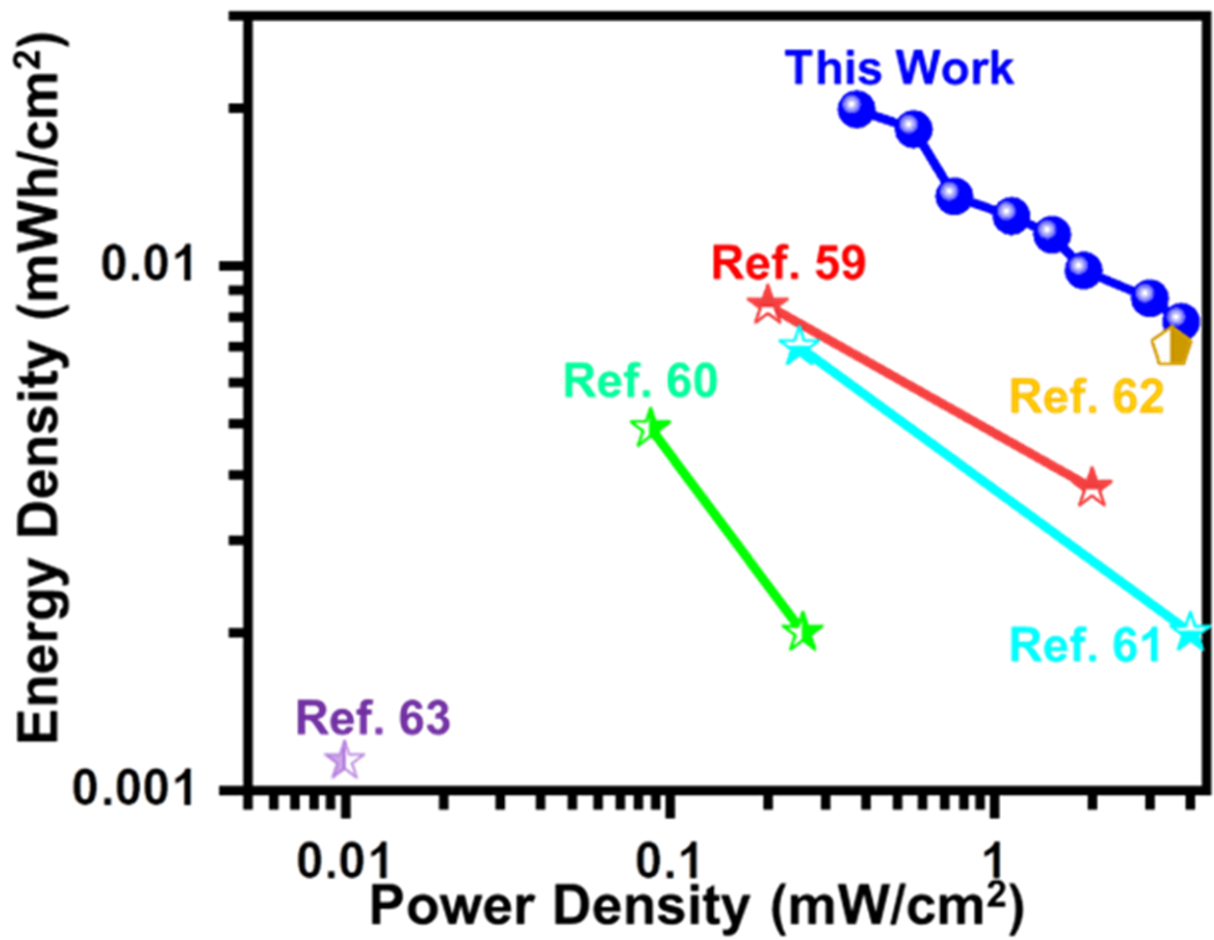


Figure S10: Comparative Ragone plot of Co₃O₄//WO₃ SSFSC device with already reported flexible supercapacitor device.