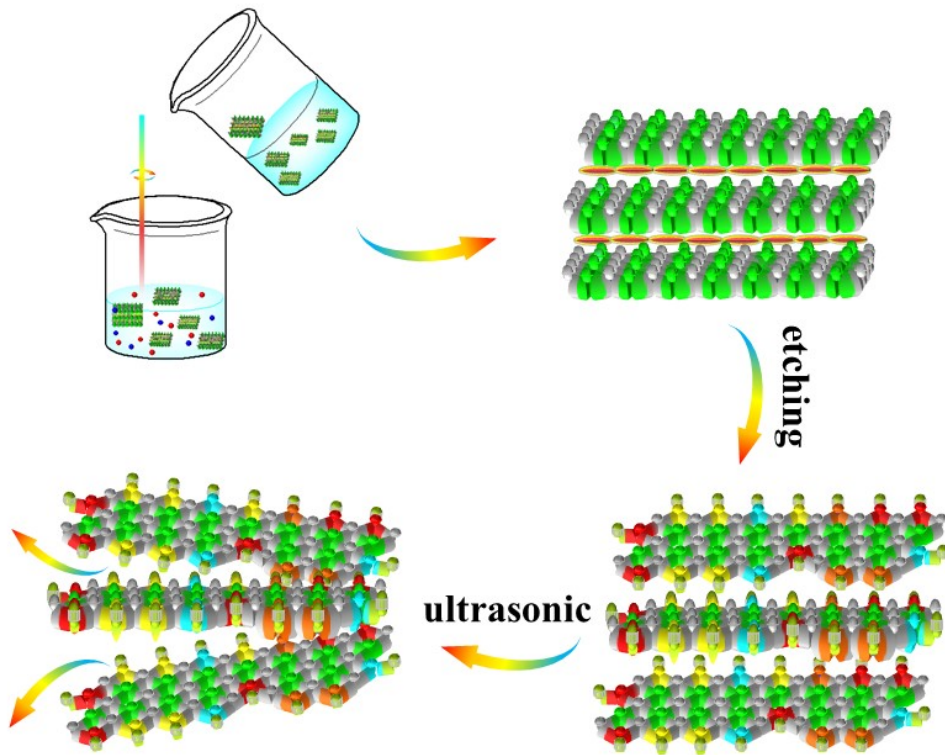


Three dimensional MXene/BCN Microflowers for Wearable All- solid-state microsupercapacitors

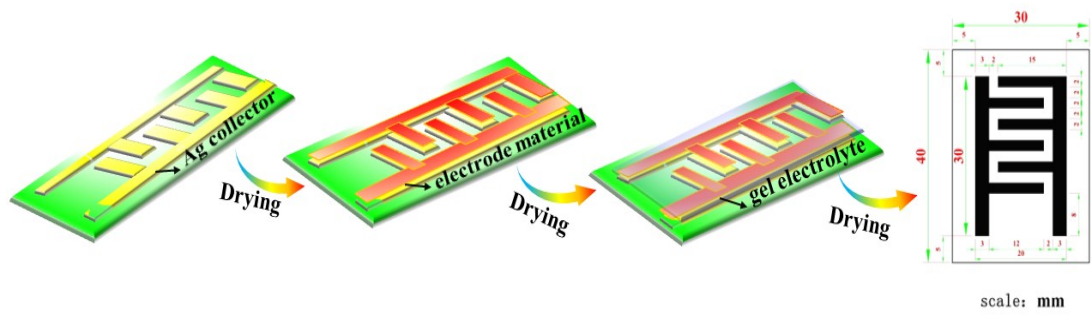
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Scheme S1 Schematic illustration of preparation for MXene (Ti₃C₂T_x) nanosheets



Scheme S2 Scheme of the fabrication process of textile MSCs

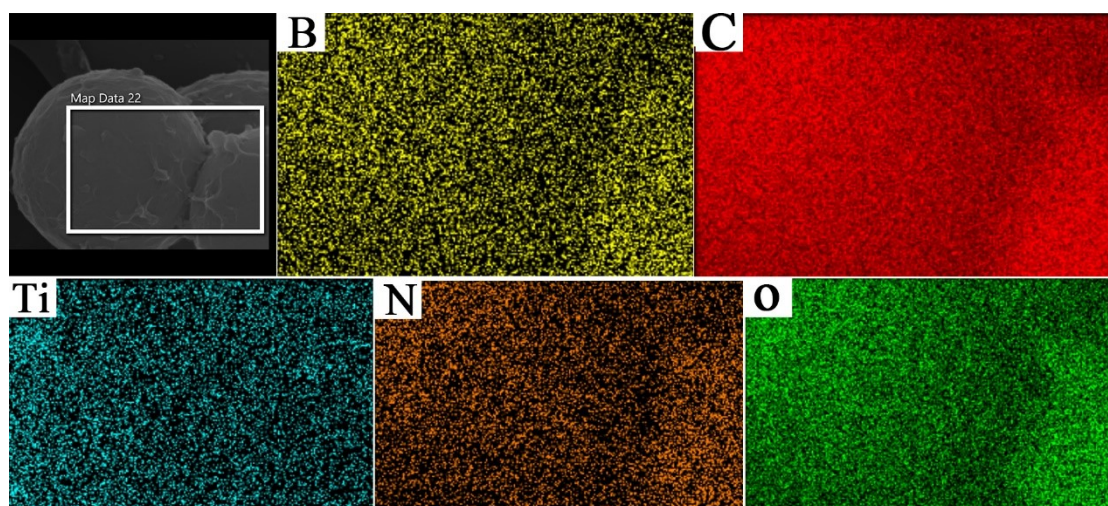


Figure.S1. EDS mapping images of the samples MXene/BCN-3 microflowers

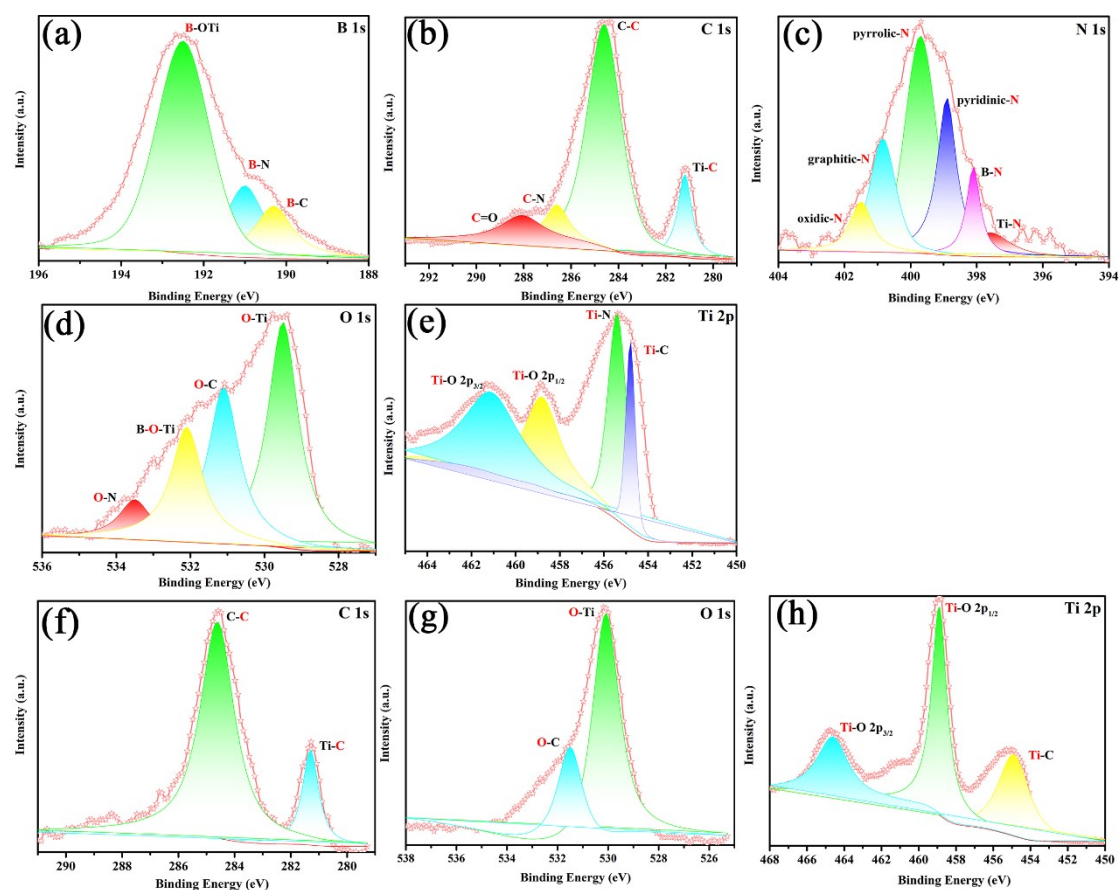


Figure.S2. (a) B 1s region of MXene/BCN-1, (b) C 1s region of MXene/BCN-1, (c) N 1s region of MXene/BCN-1, (d) O 1s region of MXene/BCN-1 and (e) Ti 2p region of MXene/BCN-1, (f) C 1s region of Mxene, (g) O 1s region of Mxene, (h) O 1s region of Mxene.

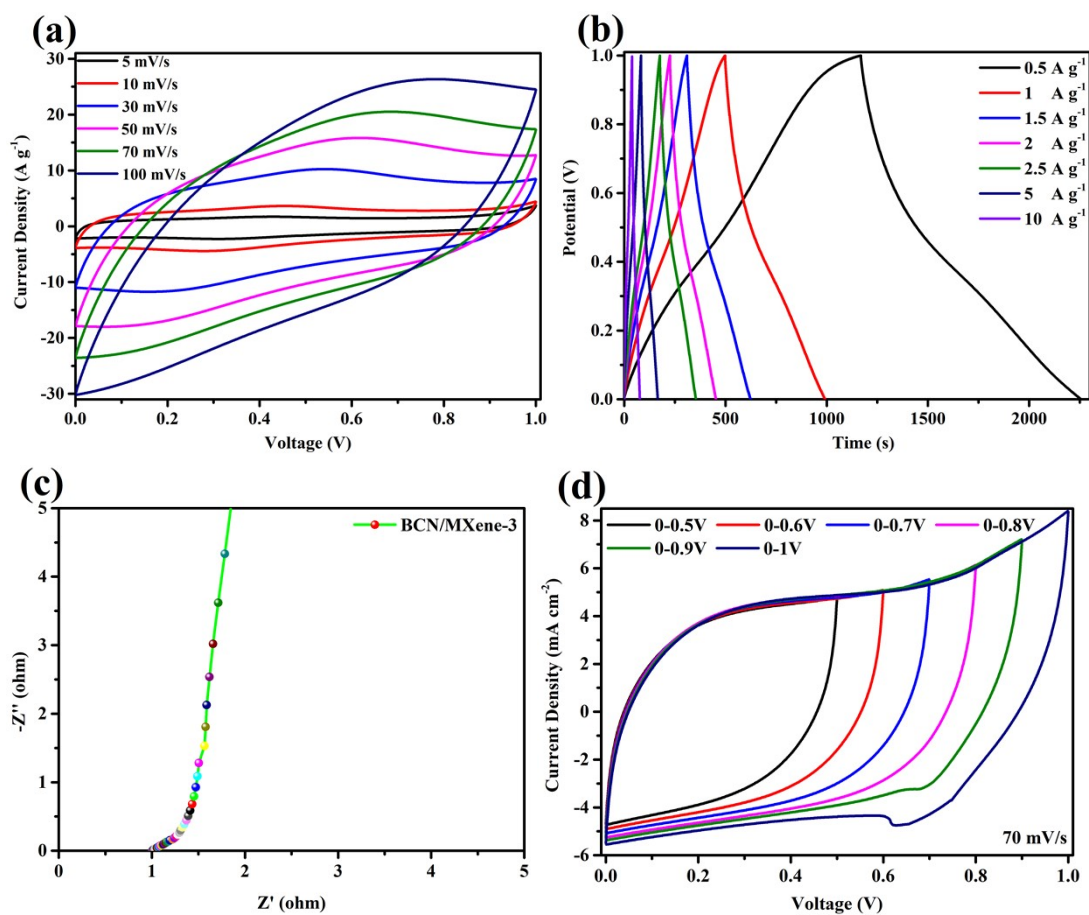


Figure.S3. the CV curves, GCD and Nyquist plots curves of MXene/BCN-3 microflower materials at different scan rates:(a) CV, (b) GCD, (c) Nyquist plots curves;(d) CV curves at different operating voltage ranges at the scanning rate of 70 mV/s .

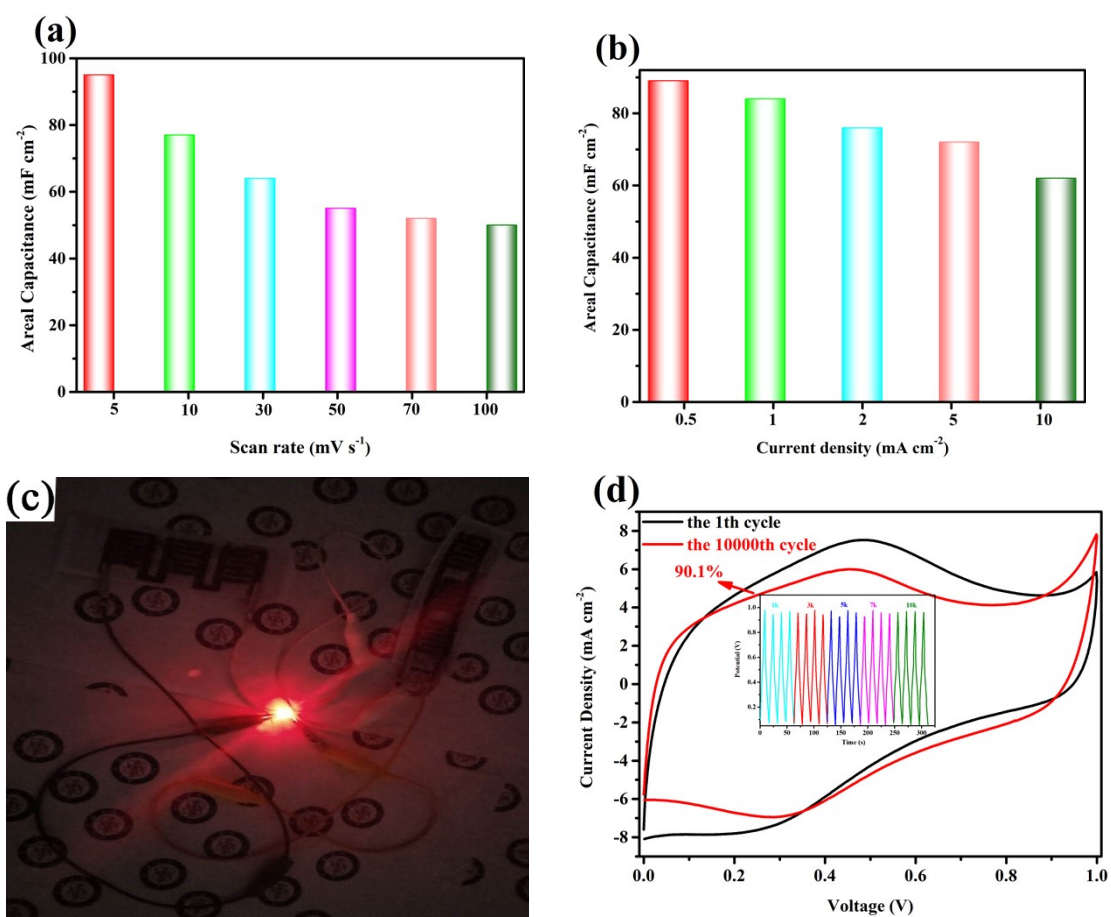


Figure.S4. (a) the CV curves of capacitance ability of the fabricated MSC under different scan rate: (b) GCD curves of capacitance ability of the MSC under different current density: (c) Light red LED (1.9V): (d) Cycling behavior of the MSC at scan rate of 100 mV s^{-1} .