Supplementary Information (SI) for Journal of Materials Chemistry A.

Ultralow voltage operation and microwatt power consumption MXene based pressure sensors with excellent sensing performance

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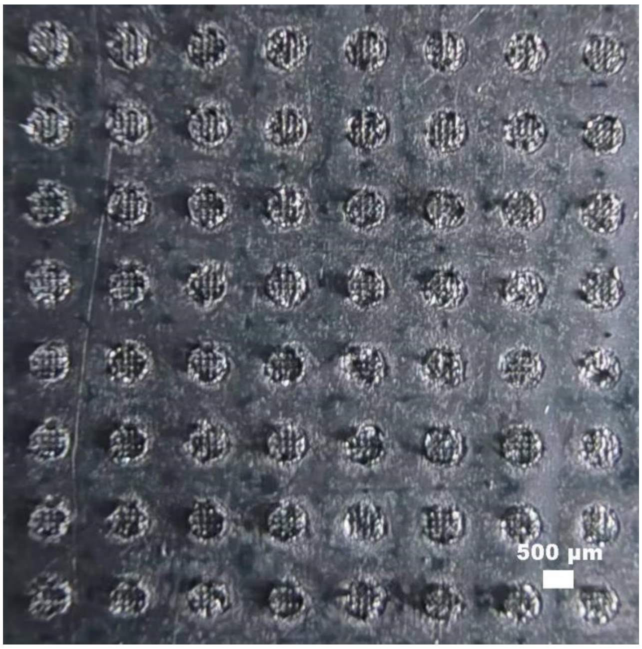

Figure S1 Digital image of the MXene/PDMS composites.

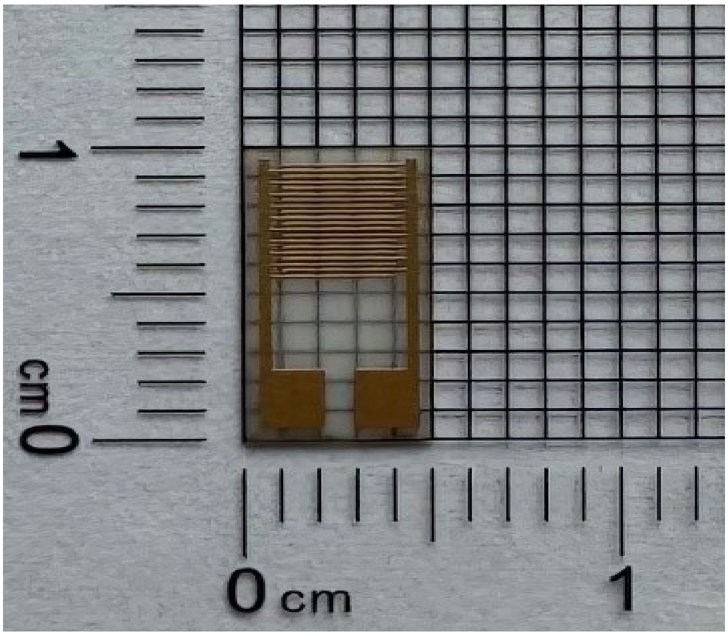

Figure S2 Digital image of the Au interdigital electrode on PET substrate, the electrode composes of Cu/Ni/Au three layers from bottom to the top.

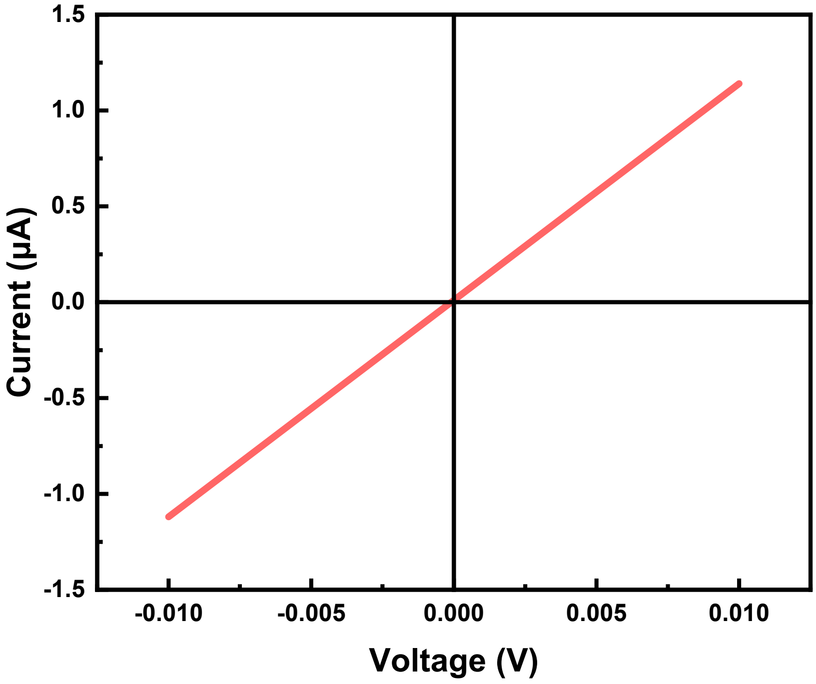

Figure S3 I-V curve of MXene/PDMS piezoresistive sensor without pressure applied.

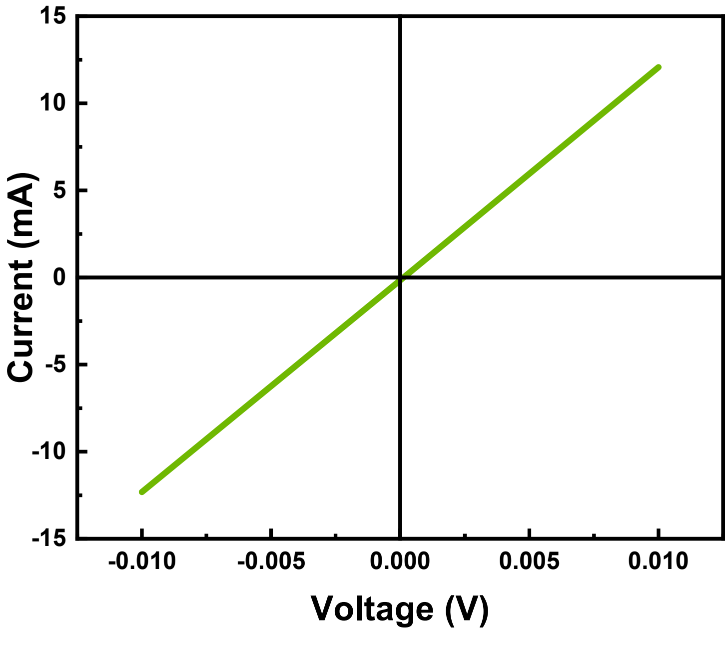

Figure S4 I-V curve of MXene/PDMS piezoresistive sensor under the pressure of 436 kPa.

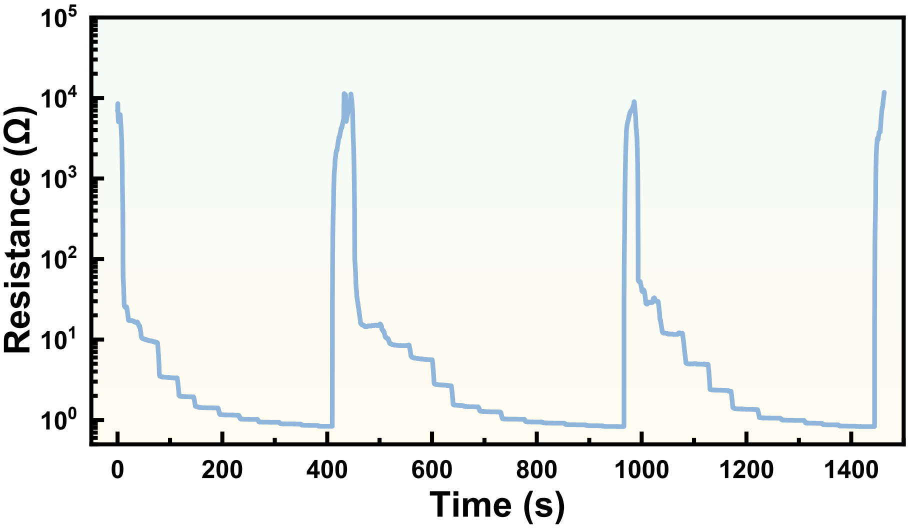

Figure S5 Resistance change curve of MXene/PDMS piezoresistive sensor under continuous pressure applied from 0 to 436 kPa.

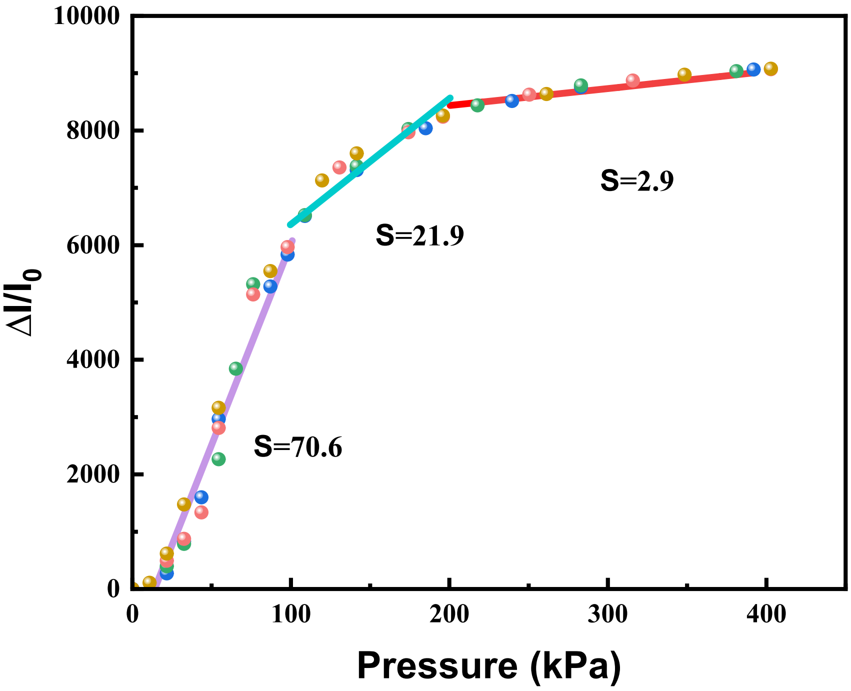

Figure S6 Response curve of MXene/PDMS piezoresistive sensor.

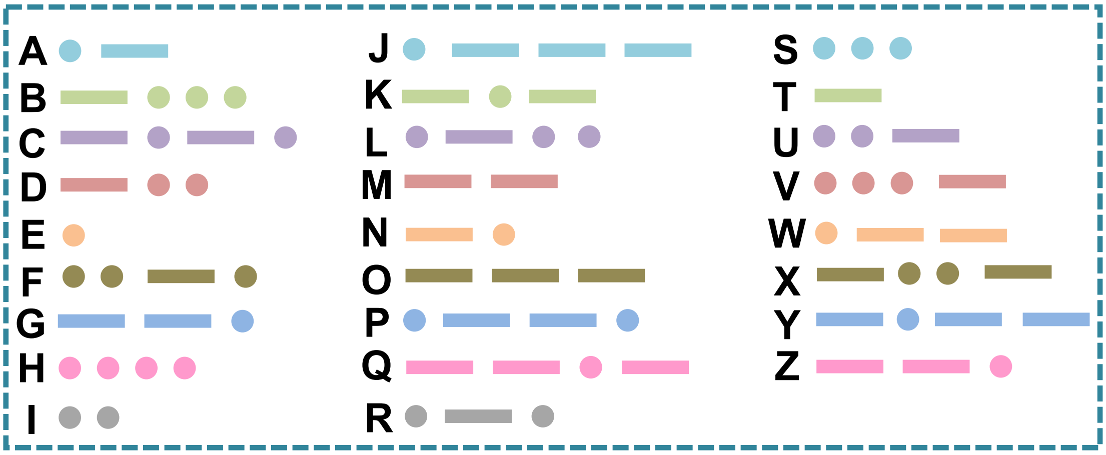

Figure S7 International Morse code table.