

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Compression resilience of the 3DB-TENG.

File Name: Supplementary Movie 2

Description: 3DB-TENG lighting up hundreds of LEDs from simply tapping it by hand.

File Name: Supplementary Movie 3

Description: 3DB-TENG for powering low-power miniature wearable electronics.

File Name: Supplementary Movie 4

Description: An intelligent footwear system for motion monitoring and remote emergency rescue.

File Name: Supplementary Movie 5

Description: A self-powered identity recognition carpet for safeguarding entrances and early warning.