Supplementary Information (SI) for Nanoscale.

Energy harvesting from ordinary apparels basing on single electrode direct current triboelectric nanogenerator

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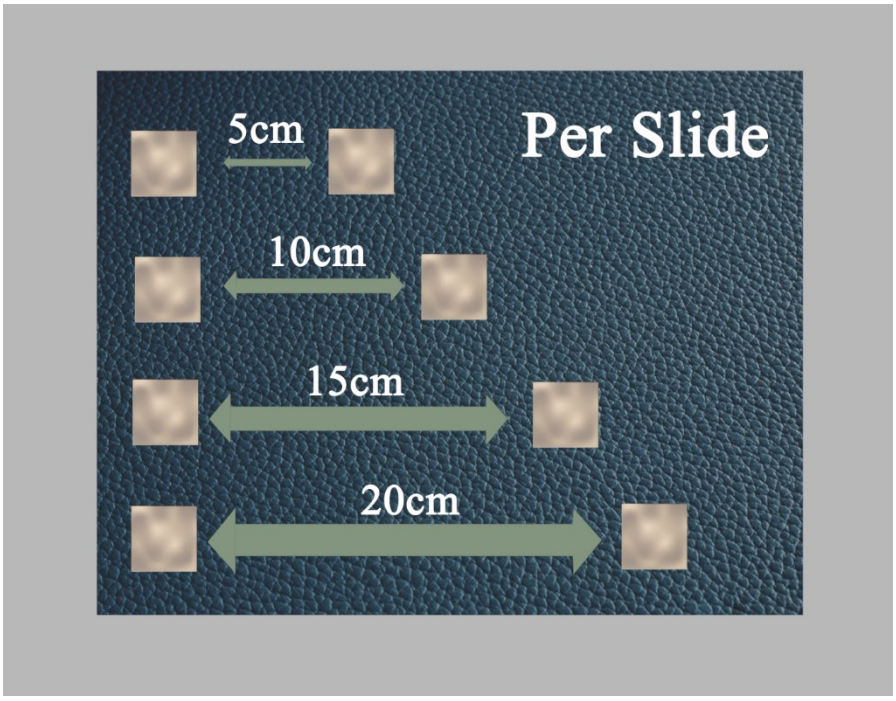

Figure S1: Per sliding distance changes diagram.

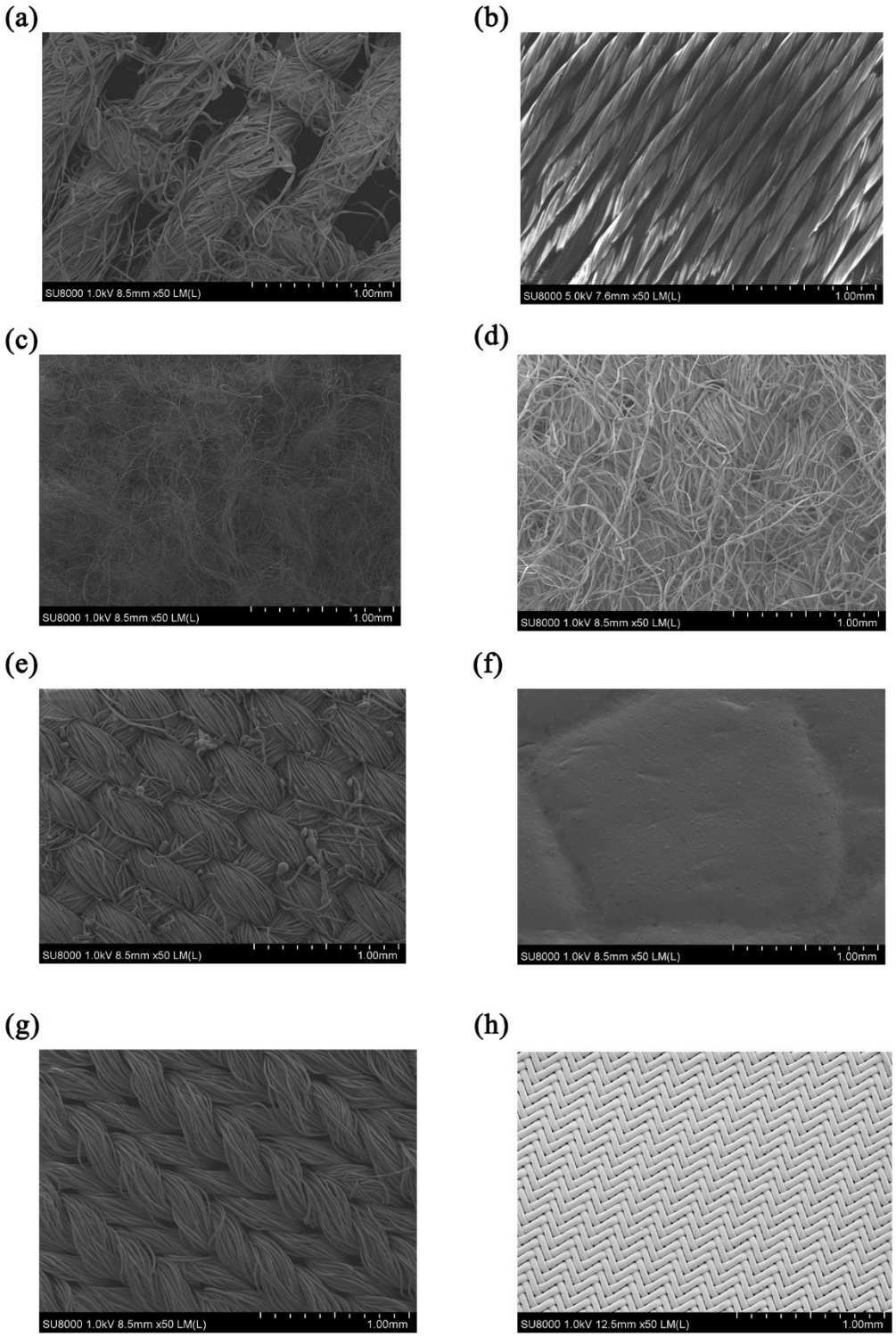

Figure S2: SEM image of eight commercial fabrics. (a)Flax; (b)Silk; (c)Woolen cloth; (d)Cotton cloth; (e)Polyester; (f)Artificial leather; (g)Modal fiber; (h)Nylon.

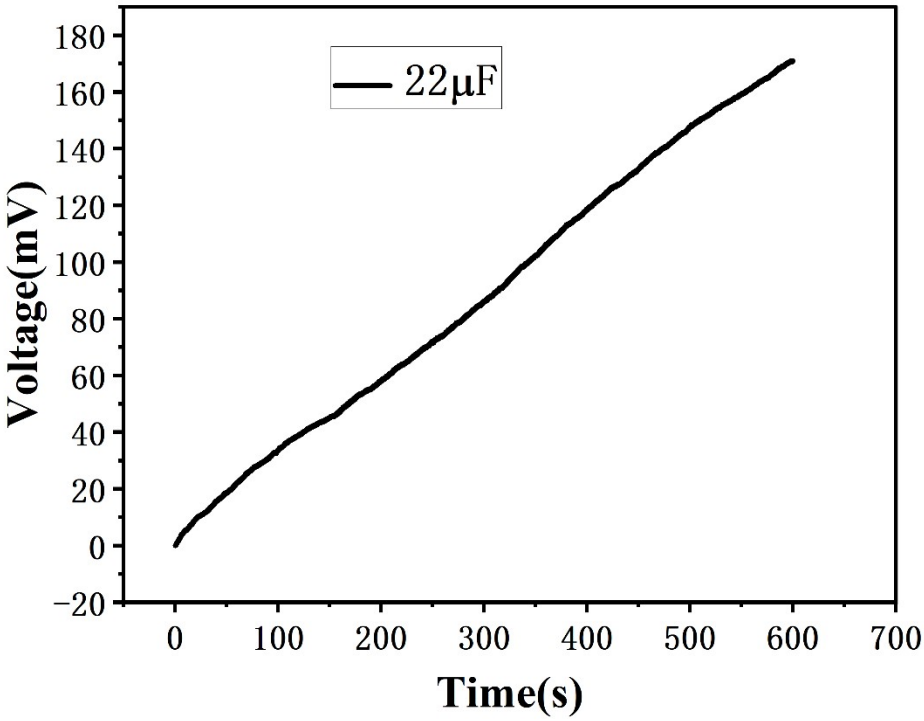

Figure S3: The charging curves of the Zein-artificial leather TENG with 22 μF capacitor

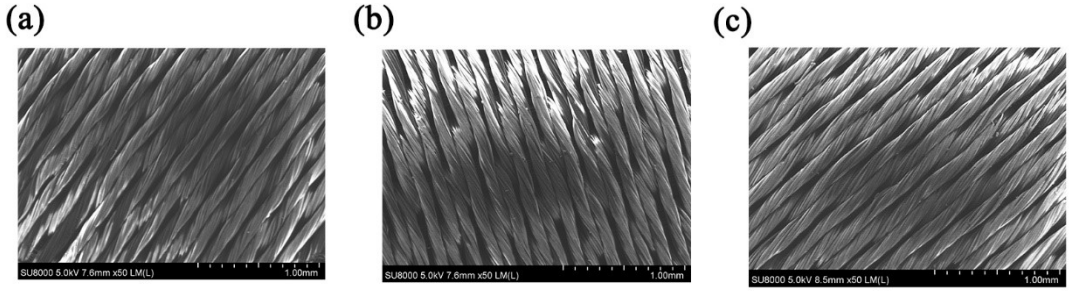

Figure S4: SEM image of silk after sliding friction. (a)Original state; (b)100times; (c)1000times.

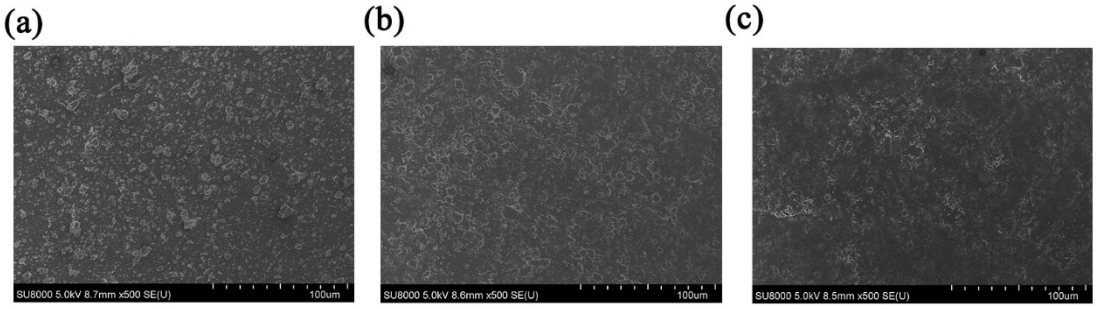

Figure S5: SEM image of Zein film after sliding friction. (a)Original state; (b)100times; (c)1000times.

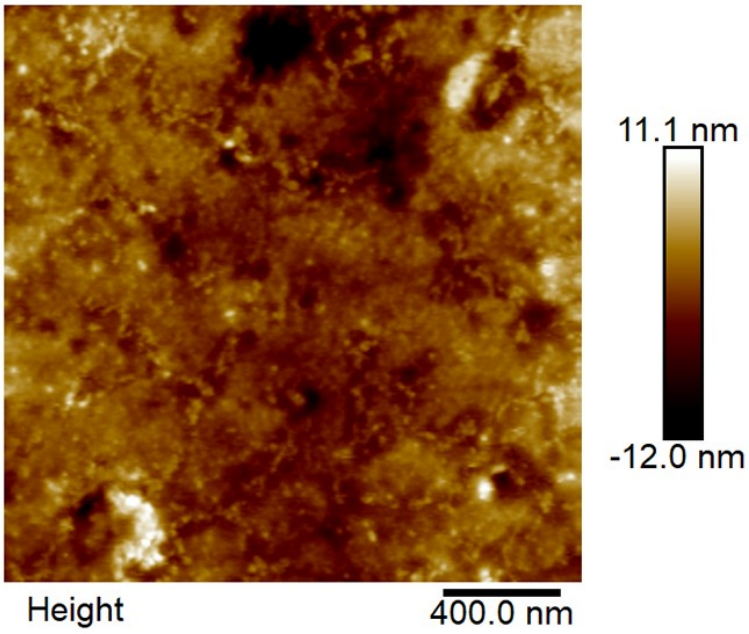

Figure S6: AFM image of Zein film after sliding 1000times.