

Supporting Information

Branched ZnO nanotrees on flexible fiber-paper substrates for self-powered energy-harvesting systems

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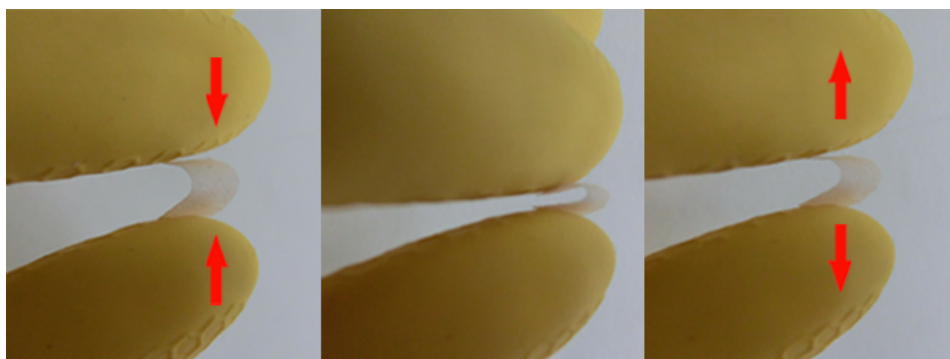


Figure S1 Photographs of as-grown ZnO-paper when clenching and relaxing of the two fingers, indicating that the as-grown ZnO-paper can withstand dozens of bending cycles without any damage, which will benefit the stability of the flexible piezoelectric NGs.

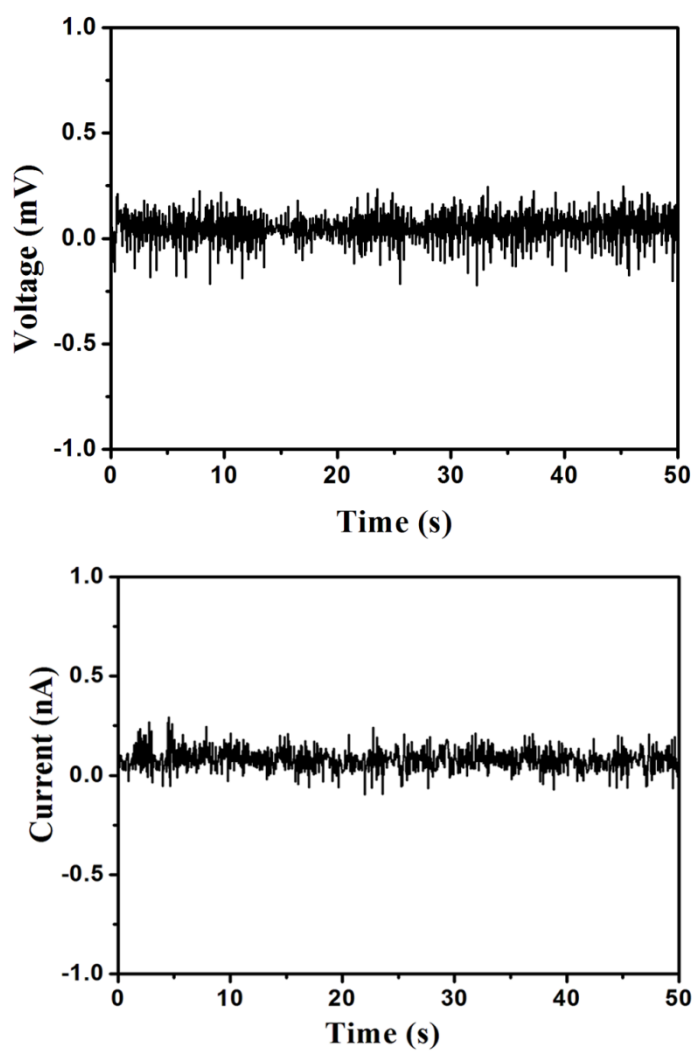


Figure S2. The electric outputs of a common paper under FS and FR, and no voltage or current was observed except of noise, confirming that the electric outputs of the fabricated NGs were generated from the piezoelectric ZnO NWs on the paper.