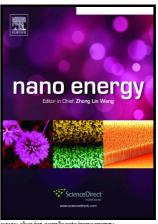
Author's Accepted Manuscript

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ABSTRACT

A triboelectric nanogenerator (TENG) is an energy harvester which converts ambient mechanical energy into electrical energy. A disk-based rotational TENG converts rotational mechanical energy into electrical energy with advantages over a vertical contact-separation based TENG. Since the disk-based TENG operates in grating-based sliding mode, its electrical

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