Paper-Based Triboelectric Nanogenerator and its Application in Self-Powered Anticorrosion and Antifouling

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\begin{figure*}[h]
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\includegraphics[width=\textwidth]{Fig_S1.png}
\caption{The performance of paper-based TENGs with different paper sources including lens tissue, filter paper, weighing paper, printer paper, gum wrapper and cigarette wrapper before and after modification with polydopamine. (a) Short-circuit current, (b) output voltage, (c) resistance test of polydopamine modified gum wrapper-based TENG.}
\end{figure*}
Fig. S2 Output performance of DPA-PP TENT under 2 Hz driven frequency (a) $I_{sc}$ (b) rectified $I_{sc}$; photograph of A3 steel electrode under different corrosion time (c) without TENG (d) with TENG, the diameter of the steel is 10 mm.