Electronic Supplementary Information

Enhanced high temperature thermoelectric response of sulphuric acid treated conducting polymer thin films

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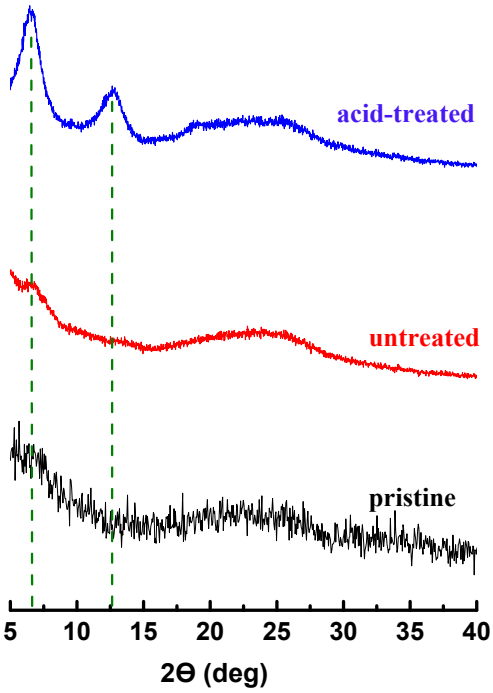

Fig. S1. XRD patterns of pristine, untreated and acid-treated PEDOT:PSS films.

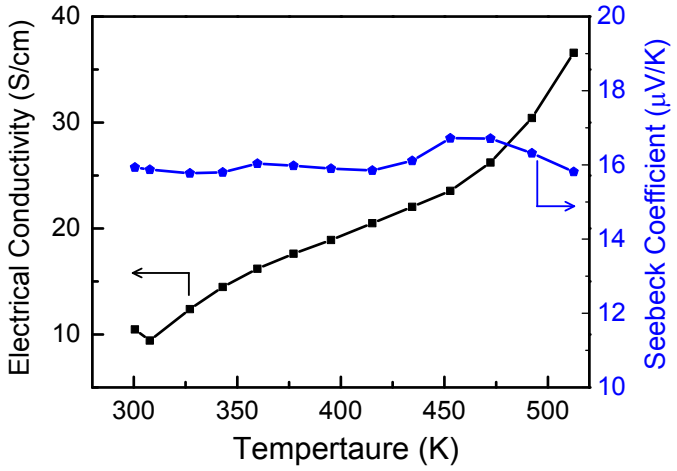

Fig. S2. Temperature dependence of electrical conductivity and Seebeck coefficient of pristine PEDOT:PSS film. Electrical conductivity is very low and the film exhibits semiconducting nature, with electrical conductivity increasing with temperature. The Seebeck coefficient is nearly temperature independent, with variation (< 1 μV/K) well within the resolution of the Seebeck tester.