

Supplementary Information

Thermoelectric properties of flexible PEDOT:PSS-based films tuned by SnSe via vacuum filtration method

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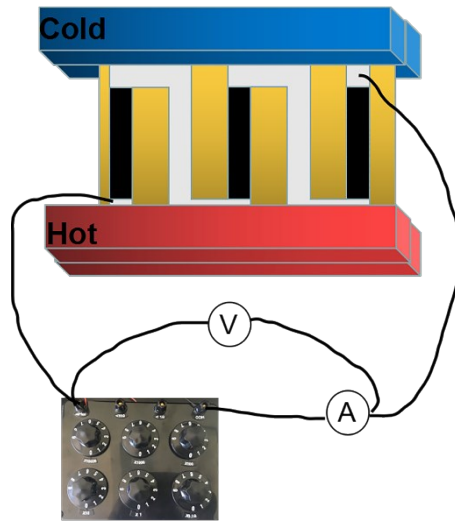


Fig.S1 Schematic diagram of TE generator output property measurement.

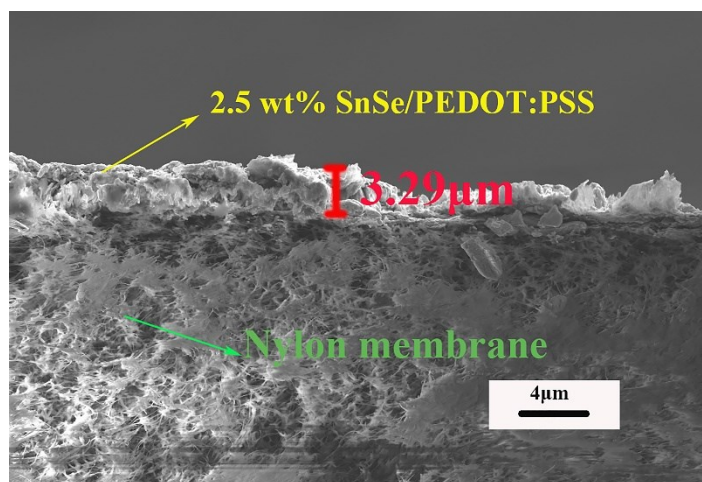


Fig.S2 Cross-sectional SEM image of 2.5 wt% SnSe/PEDOT: PSS films.

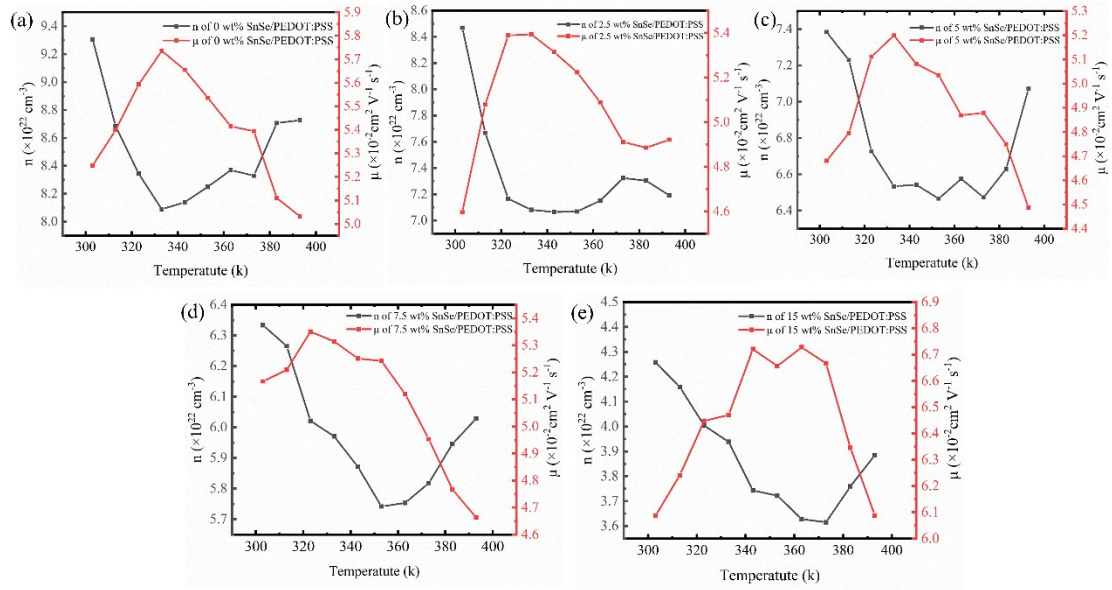


Fig. S3 Temperature dependence of the n and μ for (a) 0 wt% SnSe/PEDOT:PSS, (b) 2.5 wt% SnSe/PEDOT:PSS, (c) 5 wt% SnSe/PEDOT:PSS, (d) 7.5 wt% SnSe/PEDOT:PSS, (e) 15 wt% SnSe/PEDOT:PSS.

Table S1. The thicknesses of the composite films of different SnSe content by SEM images

SnSe content	0 wt%	2.5 wt%	5 wt%	7.5 wt%	10 wt%	15 wt%
Film thickness(μm)	2.57	3.29	3.62	4.64	5.45	5.80