Supporting information:

Self-poled and transparent polyvinylidene fluoride-co-hexafluoropropylene-based piezoelectric devices for printable and flexible electronics

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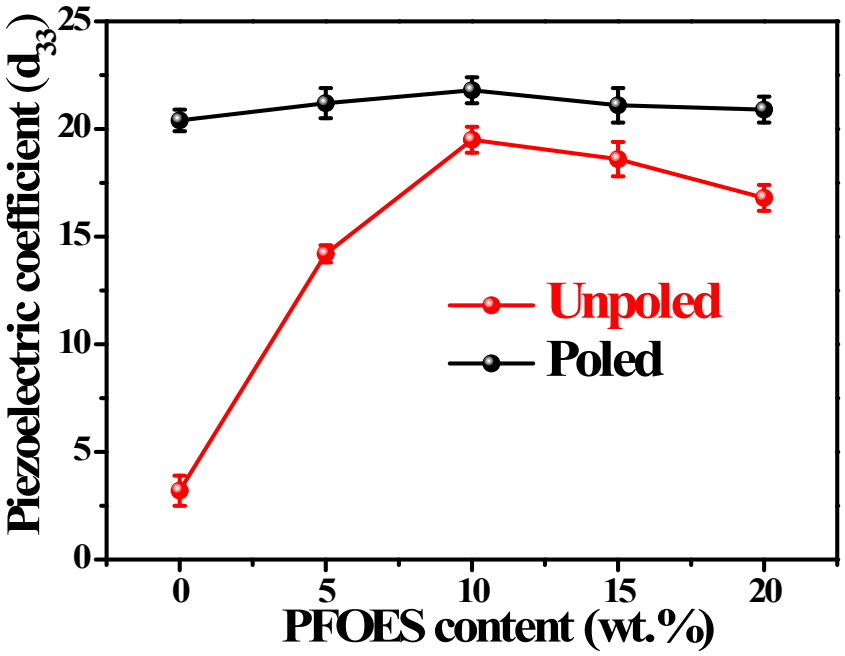

Figure S1. Piezoelectric coefficient (d_{33}) of PFOES/PVDF-HFP composite films with various PFOES contents.

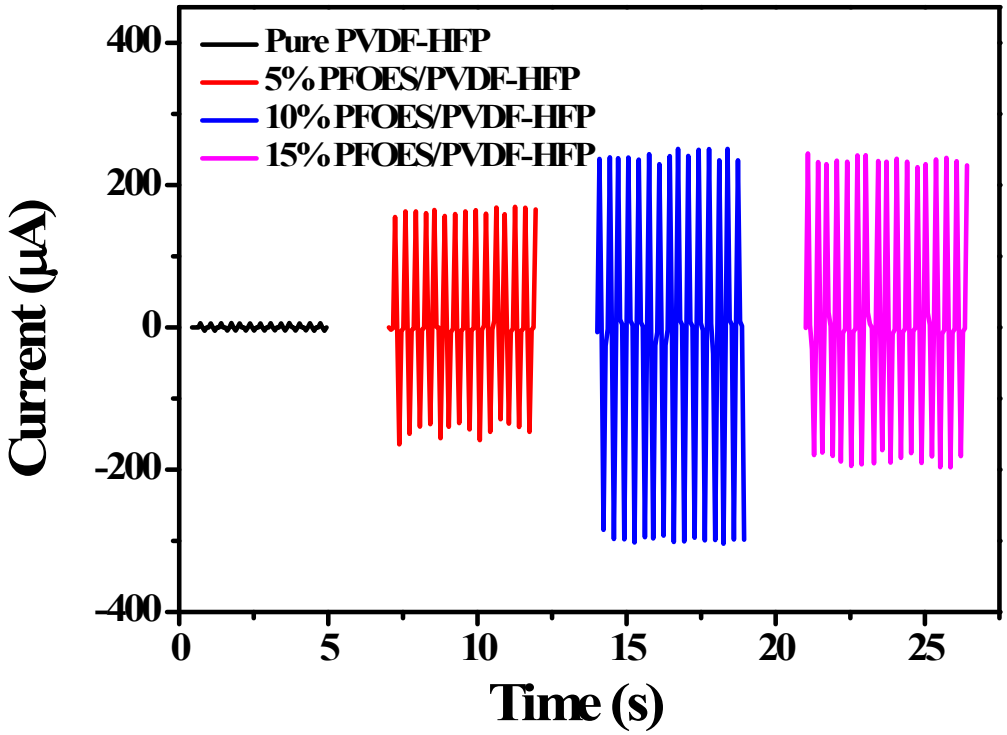

Figure S2. Output current of the as-printed films with various PFOES contents.

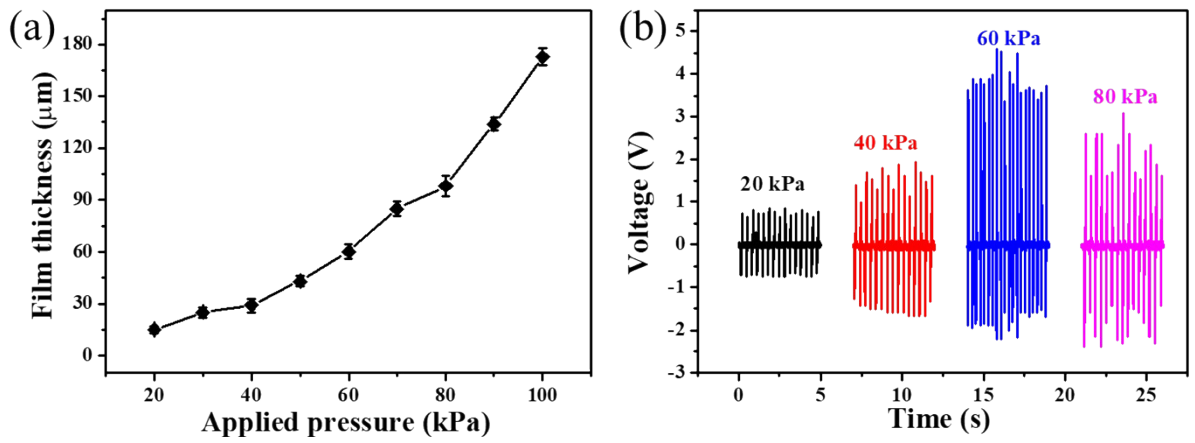

Figure S3. (a) Relationship between film thickness and air pressure. (b) Relationship between film thickness and output voltages.

Table S1 Summary of self-poled PVDF-based PENGs in our study and other reported studies.

Material	Fabrication method	β-phase content (%)	Voltage (V)	Power (μW)	Ref.
PVDF-HFP/h-BN/BaTiO3	Solution casting	46	2.4	0.89	1
PVDF-HFP/BTO/Ag	Solution casting	45.6	2.21	0.22	2
PVDF-HFP/ Co-ZnO	Electrospinning	54.6	2.8	None	3
PVDF/MnO2	Electrospinning	92	3.2	None	4
PVDF/$BaTiO_3$	Printing	78	4	None	5
PVDF/SWCNT	Printing	69.3	2	2.1	6
PVDF/Graphene	Printing	67.3	2.5	None	7
PVDF-HFP/PFOES	Printing	82.7	6.2	6.9	This work

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