Remarkable enhancement of ambient-air electrical conductivity of the perylenediimide π-stacks self-organized in the flexible films of a hydrogen-bonded polymer

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Fig. S1 Photographic image of the PVA film with 30wt.% TAIPDI.

Fig. S2 Absorption spectra of TAIPDI cast on a glass substrate and in PVA.
Fig. S3 $^1$H NMR spectrum of TAIPDI in DMSO-$d_6$ at room temperature.

Fig. S4 EPR spectrum of TAIPDI embedded in PVA (30 wt.%) showing signal of the radical anion of TAIPDIs.
Fig. S5 Absorption spectrum of TAIPDI after 5 min. exposure to the hydrazine vapour.

Fig. S6 Absorption spectra of reduced TAIPDI (3.3 wt.%) in PVA and PVP films.
Fig. S7 I-V curves of only PVA and glass.

Fig. S8 I-V curves of TAIPDI in PVP.