Supporting Information

Mechano-tunable circularly polarized luminescence of flexible nanocomposite films

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Figure S1. TEM image of uniform distribution of Ag NWs (Scale bar: 500nm).
Figure S2. UV-vis spectra of Ag NWs solution.
Figure S3. (a) CD spectra of the composite film at various rotation angles (b) CD spectra of the hybrid film upon flipping.
Figure S4. (a) CD spectra of the hybrid films (i) CCW, (ii) CW after doping with DPCz.
(b) CPL spectra the hybrid films (i) CW, (ii) CCW after doping with DPCz.
Figure S5. CPL spectra of the composite film doped with Rh B prepared by (a) CCW or
(b) CW stirring: (i) the front side or (ii) back side.
Figure S6. The stress–strain curve of the composite film.
Figure S7. The dynamic stretching-state CD spectra of the hybrid films (a) PVA/AgNWs/DBcz/WPU and (b) PVA/AgNWs/Rh B/WPU at different stretch factor (i) 0%, (ii) 50%, (iii) 100%, (iv) 150%, (v) 200% respectively.
Figure S8. The cycle of the CD spectra of the hybrid film (a) PVA/AgNWs/DBcz/WPU and (b) PVA/AgNWs/Rh B/WPU upon stretching and rebounding.
Figure S9. The dynamic stretching-state CPL spectra of the hybrid film PVA/AgNWs/DBcz/WPU and PVA/AgNWs/Rh B/WPU at different stretch factor (i) 0%, (ii) 50%, (iii) 100%, (iv) 150%, (v) 200%, respectively.
Figure S10. Cycles of the CPL spectra at 600 nm upon stretching and rebounding PVA/AgNWs/Rh B/WPU).
Figure S11. Phosphorescence spectra of the hybrid film after stopping UV excitation.