

Supporting Information

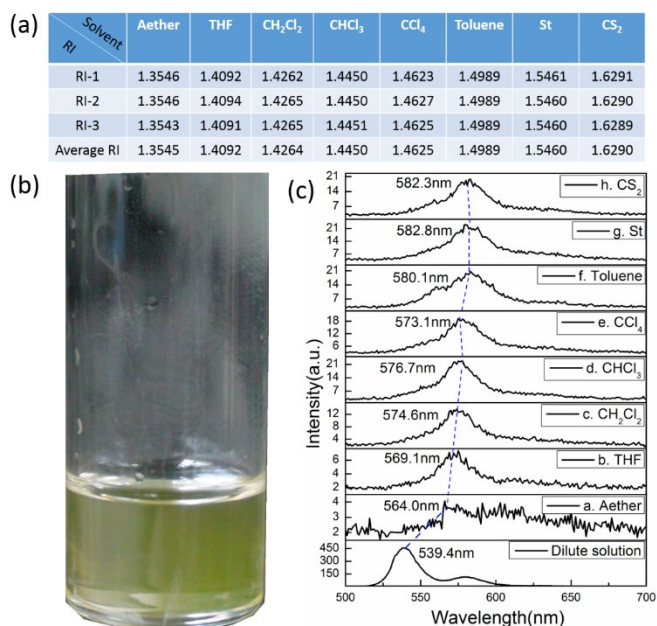


Fig. S1 (a) The three times detection results of RI of all the solvents and the average RI of each of the solvent. (b) Photograph of 10^{-6} M DPP in CS_2 solution. (c) Fluorescent emission spectra of samples from a dilute solution (10^{-6} M DPP in CS_2 solution) to samples *a.* Aether to *h.* CS_2 .

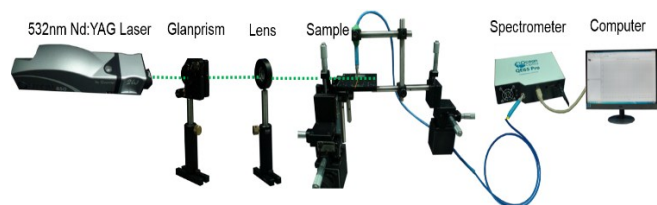


Fig. S2 Schematic illustration of the experimental setup for detection of RL.

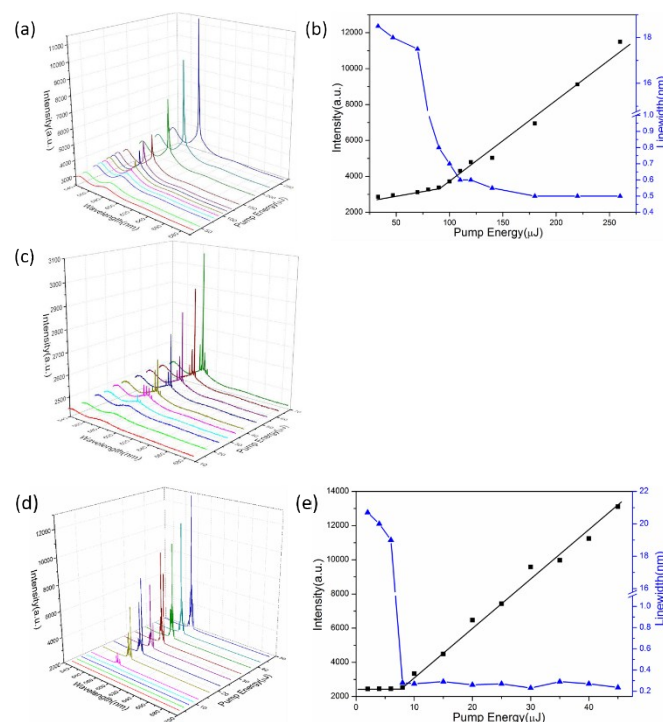


Fig. S3 Evolution of emission spectra of 10^{-3} M DPP in (a) Toluene, (c) St, (d) CS_2 solution at different pump energies, respectively. Dependence of the intensity (black square) and linewidth (blue triangle) of the main peaks of the emission spectra of 10^{-3} M DPP in (b) Toluene solution, (e) CS_2 solution on different pump energies, respectively.

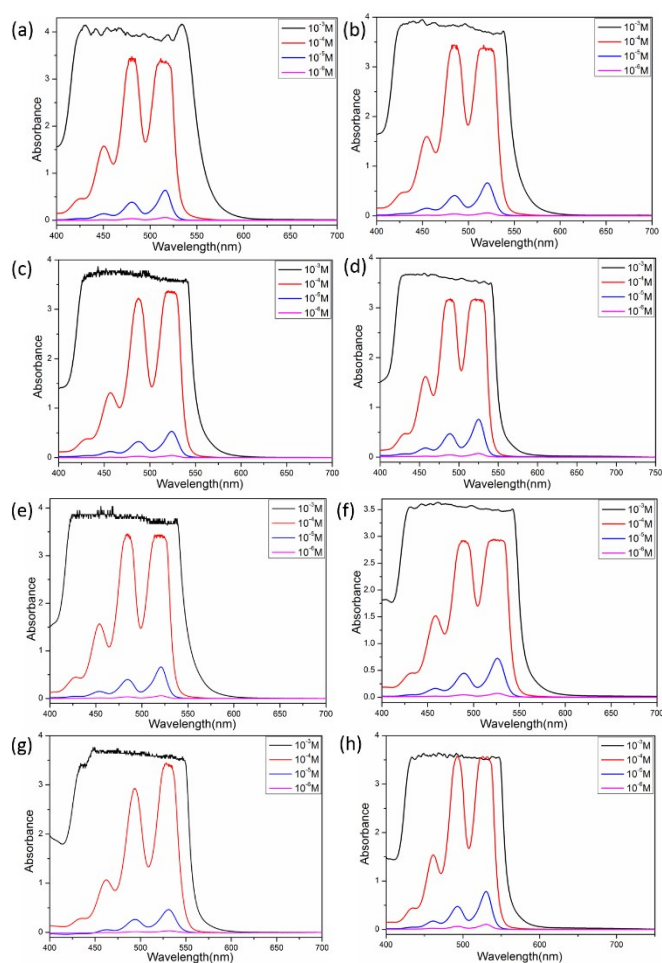


Fig. S4 Variable concentration UV-Vis absorption spectra of DPP in (a) Aether, (b) THF, (c) CH_2Cl_2 , (d) CHCl_3 , (e) CHCl_4 , (f) Toluene, (g) Styrene, (h) CS_2 solution, respectively.