Supporting information

SPR-Enhanced Fluorescence of Solid Organic Dye Films

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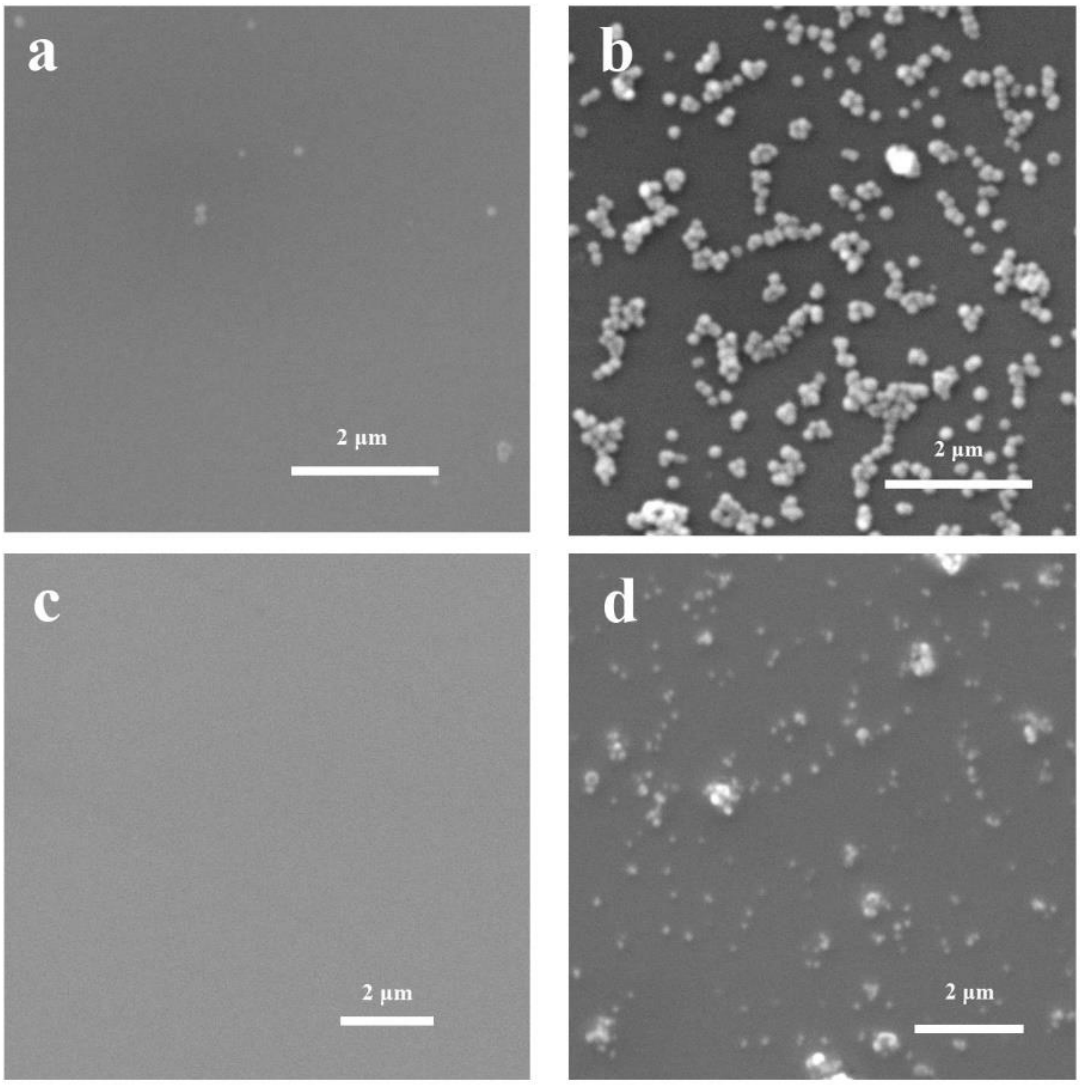

Fig. S1 SEM images of spin-coated films (**a**. Ag, **b**. Ag@SiO_2, **c**. RB, **d**. Ag@SiO_2@RB).

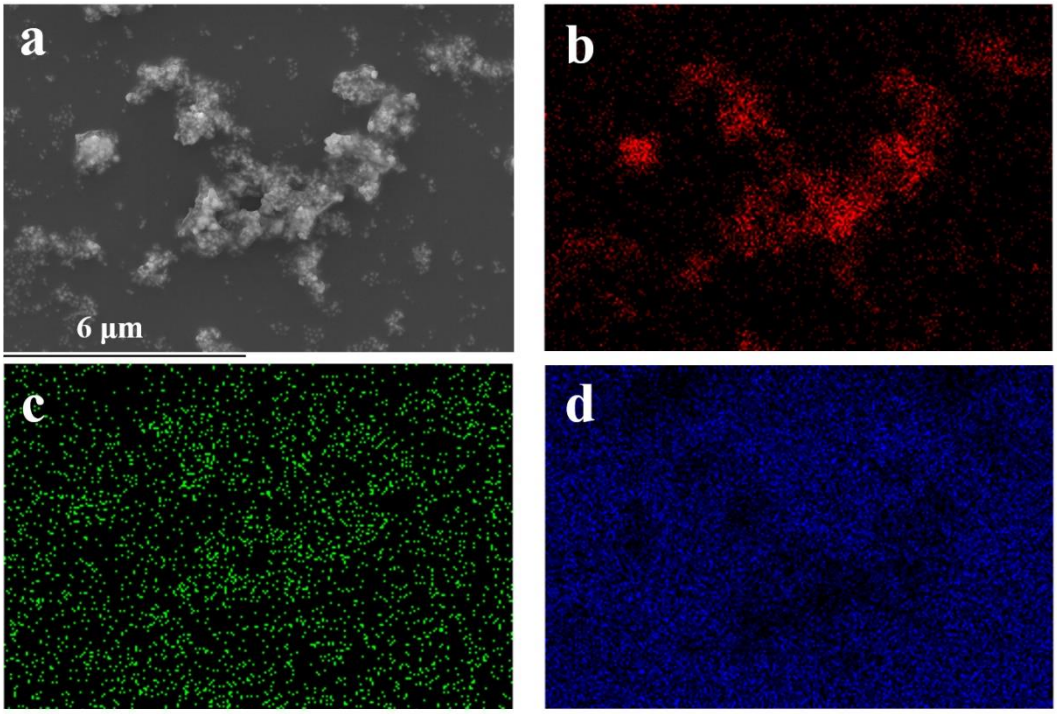

Fig. S2 EDX of Ag@SiO_2@RB film. (**a**) is the original SEM image, (**b**) is the distribution of silver element, (**c**) is the distribution of nitrogen element, and (**d**) is the distribution of carbon element.

Fig. S2 are the distribution of silver (b) elements, nitrogen (c) elements and carbon (d) elements. The silver elements represent the Ag@SiO_2 particles, and the particles spread densely, corresponding to Fig. 3 and Fig. S1, due to the fact that RB molecular contains nitrogen elements, nitrogen elements (mainly in RB) distribution represents RB molecules, and carbon elements are belonging to organic materials (RB and thickening agent). The EDX images reveal the distribution of the components in Ag@SiO_2@RB film.