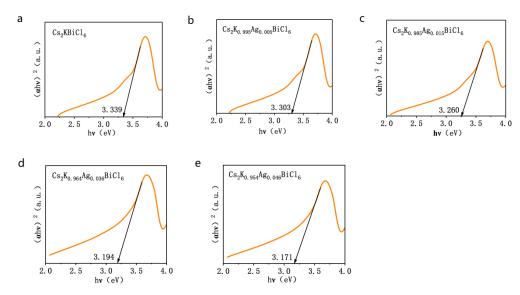
## Supplementary material

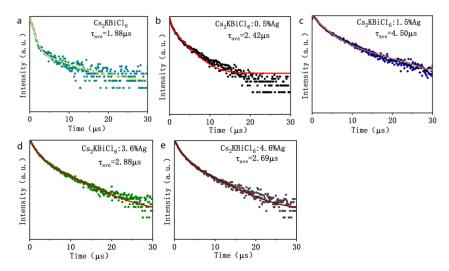
## Monodisperse spherical Ag⁺ doped Cs₂KBiCl<sub>6</sub> nanocrystals: utilizing steric hindrance engineering for inkjet printing of anti-counterfeiting patterns

Shaoli Song,<sup>a</sup> Youlun Zhu, <sup>a</sup> Hanmei Jiang,<sup>a</sup> Huichao He,<sup>a</sup> Qian Yang<sup>a</sup> , Jianbei Qiu<sup>b</sup> and Tao Han\*<sup>a</sup>

<sup>\*</sup>E-mail: danbaiht@126.com



**Fig. S1** (a-e) Tauc diagram of  $Cs_2K_{1-x}Ag_xBiCl_6$  (x=0, 0.005, 0.015, 0.036, 0.046) nanocrystals.



**Fig. S2** (a-e) photoluminescence attenuation curves of  $Cs_2K_{1-x}Ag_xBiCl_6$  (x=0, 0.005, 0.015, 0.036, 0.046) nanocrystals.

<sup>&</sup>lt;sup>a</sup> College of Materials and New Energy, Chongqing University of Science and Technology Chongqing, 401331, China

<sup>&</sup>lt;sup>b</sup> School of Materials Science and Engineering, Kunming University of Science and Technology Kunming, 650093, Yunnan, P. R. China