Electronic Supplementary Material (ESI) for Journal of Materials Chemistry C.

Supplementary Information for

White-Light-Emitting Ag, Mn Co-Doped Zn-In-S/ZnS Quantum Dots with High Stability and Their Electroluminescence

Wen-Jin Zhang[a], Chun-Yang Pan*[a], Fan Cao[b], Haoran Wang[b] and Xuyong Yang*[b]

[a] *School of Chemical Engineering and Light Industry, Guangdong University of Technology, Guangzhou 510006, China*

[b] *Key Laboratory of Advanced Display and System Applications of Education of Ministry, Shanghai University, 149 Yanchang Road, Shanghai 200072, China*

* Corresponding Authors: panchuny@gdut.edu.cn; yangxy@shu.edu.cn

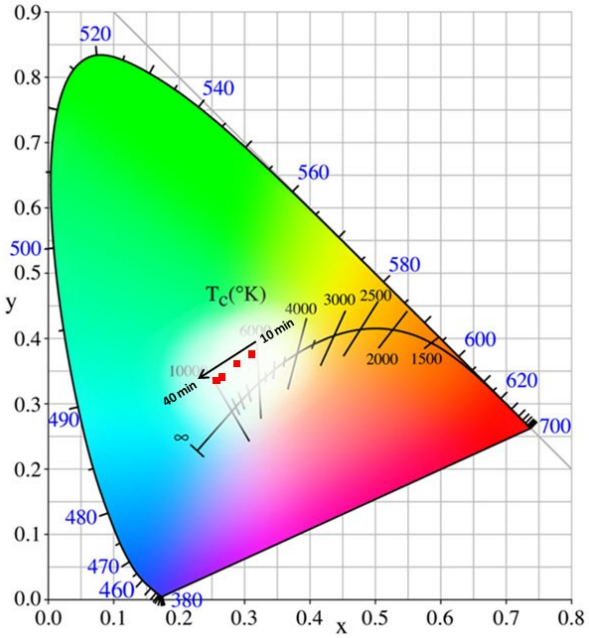

Figure S1. CIE coordinates of Ag, Mn: Zn-In-S QDs dispersed in chloroform solution with different reaction time (2.5% Ag and 1% Mn).

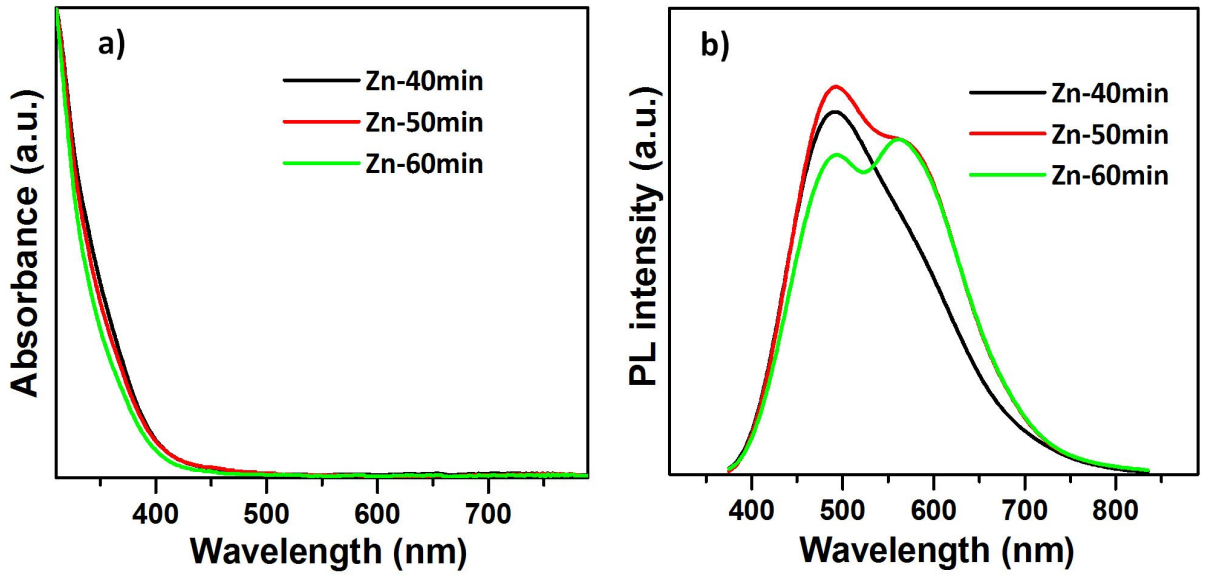

Figure S2. Temporal evolution of the (a) UV-vis absorption and (b) PL emission spectra of white-light-emitting Ag, Mn: Zn-In-S/ZnS QDs samples (2.5% Ag^{+} and 1% Mn^{2+}).

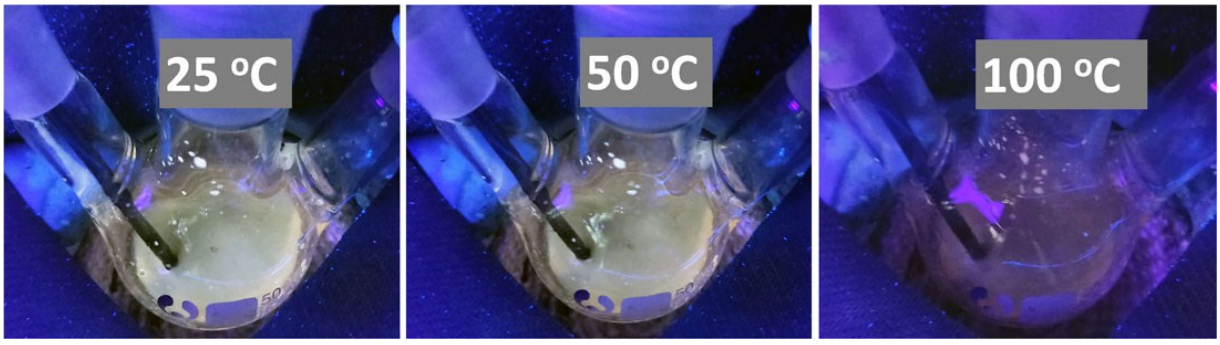

Figure S3. Digital pictures of Ag, Mn: Zn-In-S QDs under different heating temperature from 25 to 100 °C under illumination of a UV lamp at 365 nm.