Electronic Supplementary Material (ESI) for Journal of Materials Chemistry C. This journal is © The Royal Society of Chemistry 2019

electronic supplementary information

Packaging and responsivity improvement of ZnMgO solar blind ultraviolet photodetector by a seal treatment of silica gel

Xing Chen,^{a, b} Liyan Wang,^{a, b} Kewei Liu,^{*a, b} Zhenzhong Zhang,^{a, b} Binghui Li,^{a, b} Jiabin Wu,^{a, c} Jingyuan Wang,^{a, c} Yingxue Ni,^{a, c} and Dezhen Shen^{*a, b}

^a. State Key Laboratory of Luminescence and Applications, Changchun Institute of Optics, Fine Mechanics and Physics, Chinese Academy of Sciences, Changchun 130033, P. R. China.

^b. Center of Materials Science and Optoelectronics Engineering, University of Chinese Academy of Sciences, Beijing 100049, P. R. China

^c. Photoelectric Detection Research Department, Changchun Institute of Optics, Fine Mechanics and Physics, Chinese Academy of Sciences, Changchun 130033, P. R. China

Corresponding Author

*E-mail: liukw@ciomp.ac.cn

*E-mail: shendz@ciomp.ac.cn

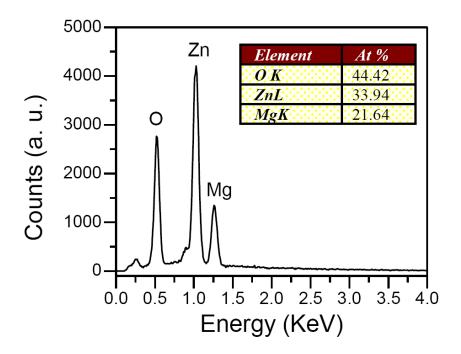


Figure S1. EDS spectra of ZnMgO films.

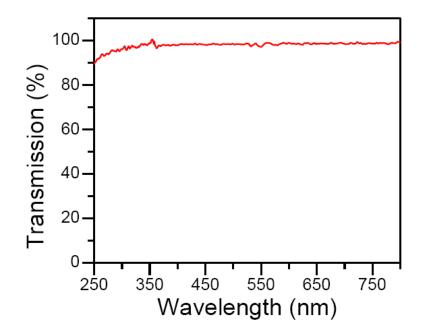


Figure S2. UV-Vis transmission spectra of silica gel.