Electronic Supplementary Material (ESI) for RSC Advances.

Supporting information

Enhancing performance of ZnO-NiO UV photodetector by piezo-phototronic effect

[1]*School of Physics and Optoelectronic Technology, Dalian University of Technology, Dalian 116024, China*

[2]*The Key Laboratory for Micro/Nano Technology and System of Liaoning Province, Dalian University of Technology, Dalian 116024, People's Republic of China*

[3]*Department of Electronic Engineering, Dalian Neusoft University of Information, Dalian, 116024, People's Republic of China*

*Corresponding author: (Lizhong Hu) E-mail: lizhongh@dlut.edu.cn

TEL: 086-0411-84707869 FAX: 086-0411-84709304

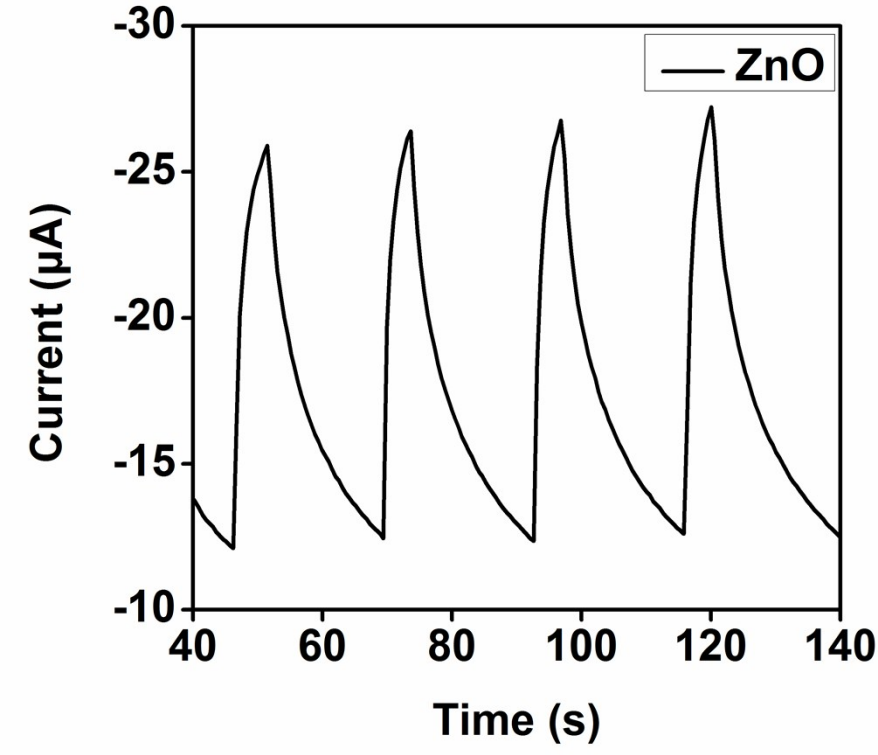

Fig. S1 The performance of the ZnO-only photodetector.

The performance of the ZnO-only photodetector is shown in Fig. S1. It can be found that the decay time of 20s for the ZnO-only photodetector nearly 2 times longer than that of the ZnO/NiO photodetector (10s).