

The effect of RGO/Zn_xCd_{1-x}S crystalline phase on their solar photoactivation processes

Omran Moradlou^{a*}, Neda Tedadi^a, Alireza Banazadeh^b, Naimeh Naseri^c

^aDepartment of Chemistry, Alzahra University, P.O. Box: 1993893973, Tehran, Iran

^bDepartment of Chemistry and Biochemistry, Texas Tech University, Lubbock, TX, USA

^cDepartment of Physics, Sharif University of Technology, P.O. Box 11555-9161, Tehran, Iran

Fig. S1. EDS analysis of RGO/Zn_{0.8}Cd_{0.2}S nanocomposite

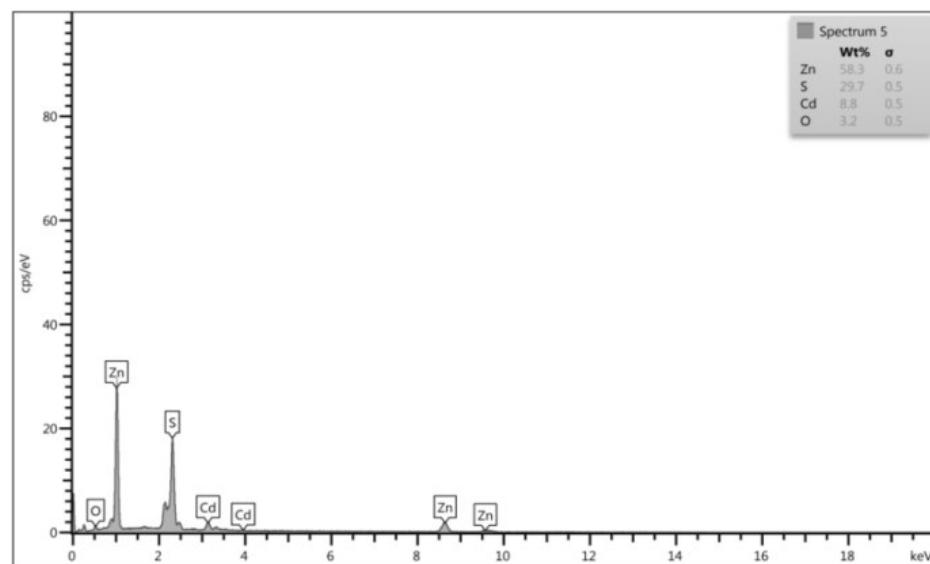


Fig. S2. FT-IR spectra of (a) graphene oxide and (b) RGO/Zn_{0.8}Cd_{0.2}S nanocomposite

