

Facile Synthesis of High-quality $\text{CuInZn}_x\text{S}_{2+x}$ Core/Shell Nanocrystals and Their Application for Detection of C-Reactive Protein

*Huaibin Shen¹, Hang Yuan², Feng Wu², Xianwei Bai¹, Changhua
Zhou¹, Hongzhe Wang¹, Tikang Lu,³ Zhifeng Qin³, Lan Ma^{2*}, and
Lin Song Li^{1*}*

¹Key Laboratory for Special Functional Materials, Henan University, Kaifeng
475004, P. R. China;

²Life Science & Health Division, Graduate School at Shenzhen, Tsinghua
University, Shenzhen, 518055, P.R. China

³ Shenzhen Entry-Exit Inspection and Quarantine Bureau of the People's
Republic of China (SZCIQ)., Shenzhen, 518045, P.R. China

E-mail: lsli@henu.edu.cn, malan@sz.tsinghua.edu.cn

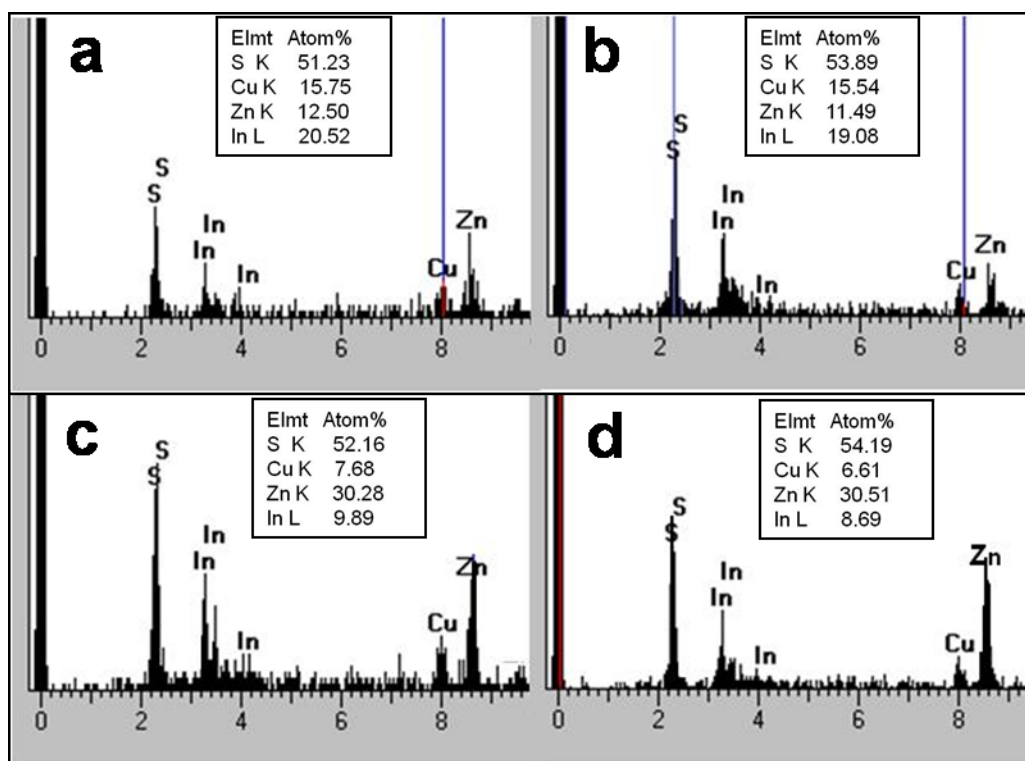


Figure S1. EDX spectra of CuInZn_xS_{2+x} (x=0.6) cores (a-b) and CuInZn_xS_{2+x}/ZnS core/shell nanocrystals (c-d).