Supporting Information

Composition and Size Tailored Synthesis of Iron Selenide Nanoflakes

Liqiao Chen, Hongquan Zhan, Xianfeng Yang, Zhaoyong Sun, Jun Zhang, Dan Xu, Chaolun Liang, Mingmei Wu and Jiye Fang

\textsuperscript{a}MOE Key Laboratory of Bioinorganic and Synthetic Chemistry / State Key Laboratory of Optoelectronic Materials and Technology, School of Chemistry and Chemical Engineering, Instrumental Analysis and Research Centre, Sun Yat-Sen (Zhongshan) University, Guangzhou, 510275 (P. R. China). Fax: 86-20-84111038; Tel: 86-20-84111823; E-mail: ceswmm@mail.sysu.edu.cn

\textsuperscript{b}Department of Chemistry, State University of New York at Binghamton, Binghamton, New York 13902 (U.S.A). Fax: 1-607-7774478; Tel: 1-607 7773752. E-mail: jfang@binghamton.edu

* To whom correspondence should be addressed.

E-mail: ceswmm@mail.sysu.edu.cn

E-mail: jfang@binghamton.edu
Figure S1. TEM image of the sample grown from the typical feedstock (Fig. 2) but without any presence of oleic acid.
Figure S2. EDS for samples #1 (0.07g TDD), #2 (0.1g TDD), #3 (0.14g TDD) corresponding to Figure 6.