Facile synthesis of heterojunctioned ZnO/Bi_2S_3 nanocomposites for enhanced photocatalytic reduction of aqueous Cr(VI) under visible-light irradiation

Xiaoya Yuan*, Xue Wu, Zijuan Feng, Wen Jia, Xuxu Zheng, Chuanqiang Li

College of Materials Science and Engineering, Chongqing Jiaotong University, Chongqing 400074, china;

Corresponding author

E-mail: yuanxy@cqjtu.edu.cn

Tel.: +86-23-62789154

Fax: +86-23-62789154

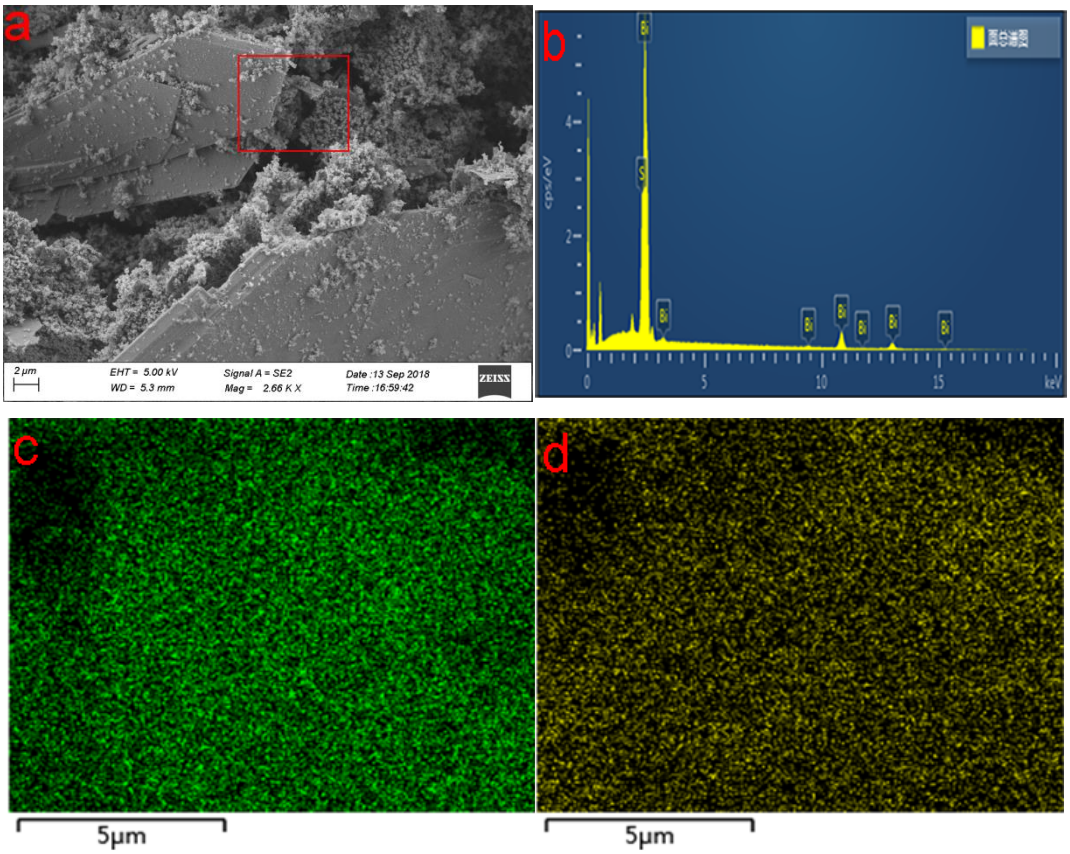

Figure S1. SEM image of Bi_2S_3 (a), the element composition (b) and elementary mapping of Bi (c) and S (d) .

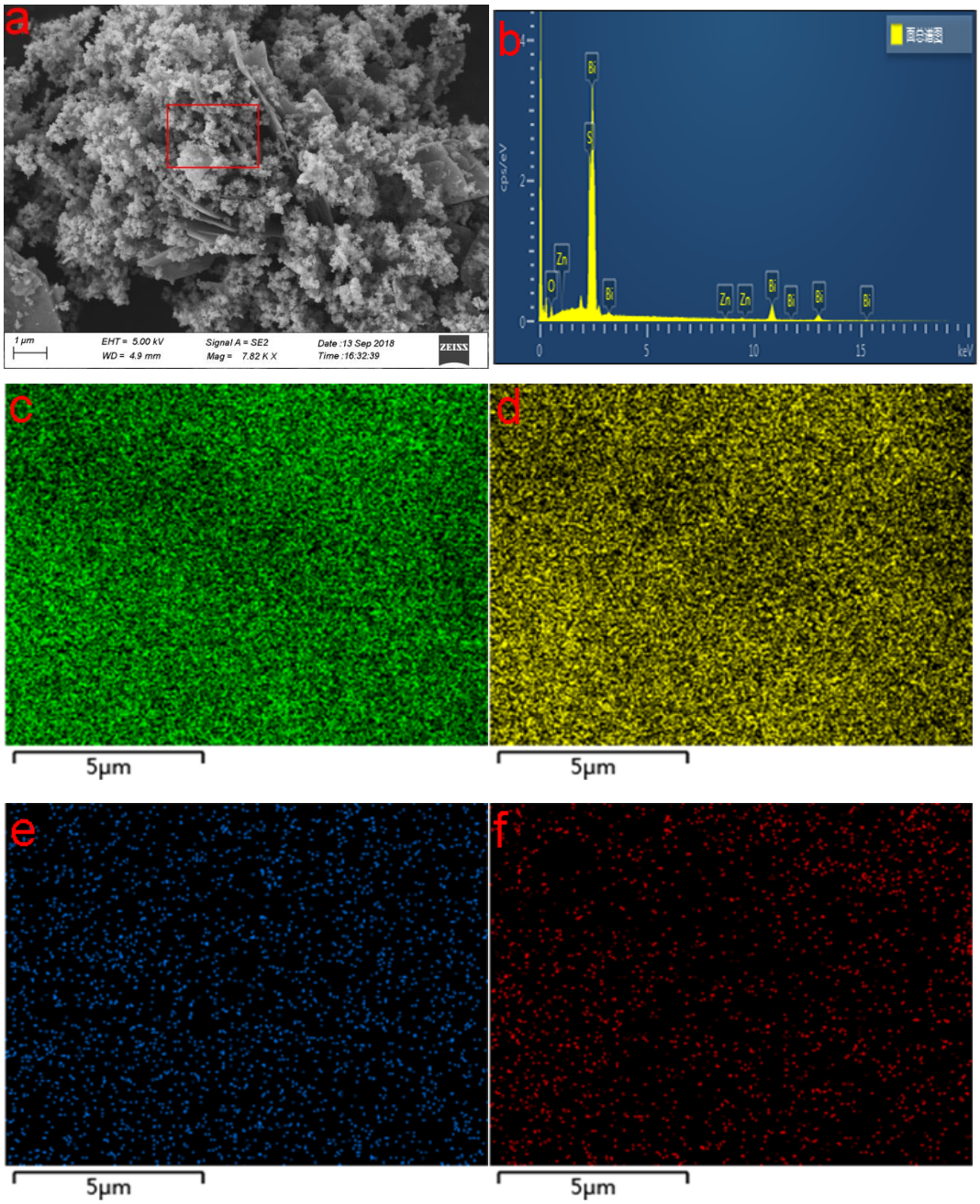

Figure S2. SEM image of 5%-ZnO/Bi_2S_3 (a), the element composition (b) and elementary mapping of Bi (c) ,S (d), Zn (e) and O (f).