Fabricating of $Fe_2O_3/BiVO_4$ heterojunction based photoanode modified with NiFe-LDH nanosheets for efficient solar water splitting

Shouli Bai, Haomiao Chu, Xu Xiang, Ruixian Luo, Jing He, Aifan Chen

PII: S1385-8947(18)30923-9
DOI: https://doi.org/10.1016/j.cej.2018.05.109
Reference: CEJ 19125

To appear in: *Chemical Engineering Journal*

Received Date: 30 January 2018
Revised Date: 18 May 2018
Accepted Date: 19 May 2018

Please cite this article as: S. Bai, H. Chu, X. Xiang, R. Luo, J. He, A. Chen, Fabricating of $Fe_2O_3/BiVO_4$ heterojunction based photoanode modified with NiFe-LDH nanosheets for efficient solar water splitting, *Chemical Engineering Journal* (2018), doi: https://doi.org/10.1016/j.cej.2018.05.109

Fabricating of $Fe_2O_3/BiVO_4$ heterojunction based photoanode modified with NiFe-LDH nanosheets for efficient solar water splitting

Shouli Bai[a,b], Haomiao Chu[a], Xu Xiang[a,] Ruixian Luo[a], Jing He[a,]*, Aifan Chen[a]*

[a]State Key Laboratory of Chemical Resource Engineering, Beijing Key Laboratory of Environmentally Harmful Chemicals Analysis, Beijing University of Chemical Technology, Beijing 100029 China.

[b]Guangxi Key Laboratory of Petrochemical Resource Processing and Process Intensification Technology, School of Chemistry and Chemical Engineering, Guangxi University, Nanning 530004, China.

*Corresponding author: Beijing University of Chemical Technology, Beijing 100029, China

E-mail address: xiangxu@mail.buct.edu.cn; hejing @mail.buct.edu.cn