Title: Efficient oxidation and sorption of arsenite using a novel titanium(IV)-manganese(IV) binary oxide sorbent

Authors: Wei Zhang, Caihong Liu, Tong Zheng, Jun Ma, Gaosheng Zhang, Guohui Ren, Lu Wang, Yulei Liu

PII: S0304-3894(18)30266-8
DOI: https://doi.org/10.1016/j.jhazmat.2018.04.034
Reference: HAZMAT 19317

To appear in: *Journal of Hazardous Materials*

Received date: 24-11-2017
Revised date: 26-3-2018
Accepted date: 16-4-2018

Please cite this article as: Zhang W, Liu C, Zheng T, Ma J, Zhang G, Ren G, Wang L, Liu Y, Efficient oxidation and sorption of arsenite using a novel titanium(IV)-manganese(IV) binary oxide sorbent, *Journal of Hazardous Materials* (2010), https://doi.org/10.1016/j.jhazmat.2018.04.034

Efficient oxidation and sorption of arsenite using a novel titanium(IV)-manganese(IV) binary oxide sorbent

Wei Zhang [a], Caihong Liu [a], Tong Zheng [a], Jun Ma [a, *], Gaosheng Zhang [b, *], Guohui Ren [c], Lu Wang [a], Yulei Liu [a]

[a] State Key Laboratory of Urban Water Resource and Environment, School of Environment, Harbin Institute of Technology, Harbin, Heilongjiang 150090, China

[b] Collaborative Innovation Center of Water Quality Safety and Protection in Pearl River Delta, Guangzhou University, Guangzhou 510006, China

[c] China University of Mining and Technology, Xuzhou, Jiangsu 221116, China

---

[*] Corresponding authors:

E-mail: majun@hit.edu.cn; phone: 86-451-86283010; fax: 86-451-86283010

E-mail: gszhang@gzhu.edu.cn; phone: 86-020-39366505; fax: 86-020-39366505

Graphical Abstract