Title: Production of a generic magnetic Fe_3O_4 nanoparticles decorated tea waste composites for highly efficient sorption of Cu(II) and Zn(II)

Authors: Tao Wen, Jian Wang, Xing Li, Shuyi Huang, Zhongshan Chen, Suhua Wang, Tasawar Hayat, Ahmed Alsaedi, Xiangke Wang

PII: S2213-3437(17)30326-3
DOI: http://dx.doi.org/doi:10.1016/j.jece.2017.07.022
Reference: JECE 1737

To appear in:

Received date: 29-3-2017
Revised date: 3-7-2017
Accepted date: 10-7-2017

Please cite this article as: Tao Wen, Jian Wang, Xing Li, Shuyi Huang, Zhongshan Chen, Suhua Wang, Tasawar Hayat, Ahmed Alsaedi, Xiangke Wang, Production of a generic magnetic Fe3O4 nanoparticles decorated tea waste composites for highly efficient sorption of Cu(II) and Zn(II), Journal of Environmental Chemical Engineeringhttp://dx.doi.org/10.1016/j.jece.2017.07.022

Production of a generic magnetic Fe_3O_4 nanoparticles decorated tea waste composites for highly efficient sorption of Cu(II) and Zn(II)

Tao Wen[a], Jian Wang[a], Xing Li[a], Shuyi Huang[a], Zhongshan Chen[a], Suhua Wang[a,b], Tasawar Hayat[b], Ahmed Alsaedi[b], Xiangke Wang[a,b,c]*

[a] College of Environmental Science and Engineering, North China Electric Power University, Beijing 102206, P.R. China

[b] NAAM Research Group, Faculty of Science, King Abdulaziz University, Jeddah 21589, Saudi Arabia

[c] Collaborative Innovation Center of Radiation Medicine of Jiangsu Higher Education Institutions, School for Radiological and Interdisciplinary Sciences, Soochow University, Suzhou 215123, P.R. China

* Corresponding author. Email: xkwang@ncepu.edu.cn (X. Wang), Tel(Fax): +86-10-61772890