

## Supporting Information

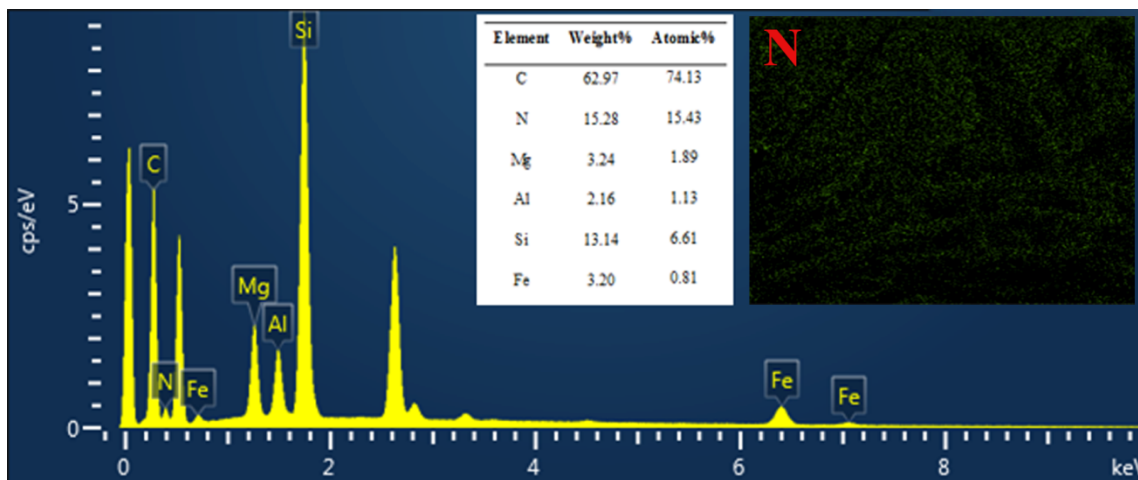
### **One-pot fabrication of multifunctional superparamagnetic attapulgite/Fe<sub>3</sub>O<sub>4</sub>/polyaniline nanocomposites served as adsorbent and catalyst support**

**Bin Mu, and Aiqin Wang\***

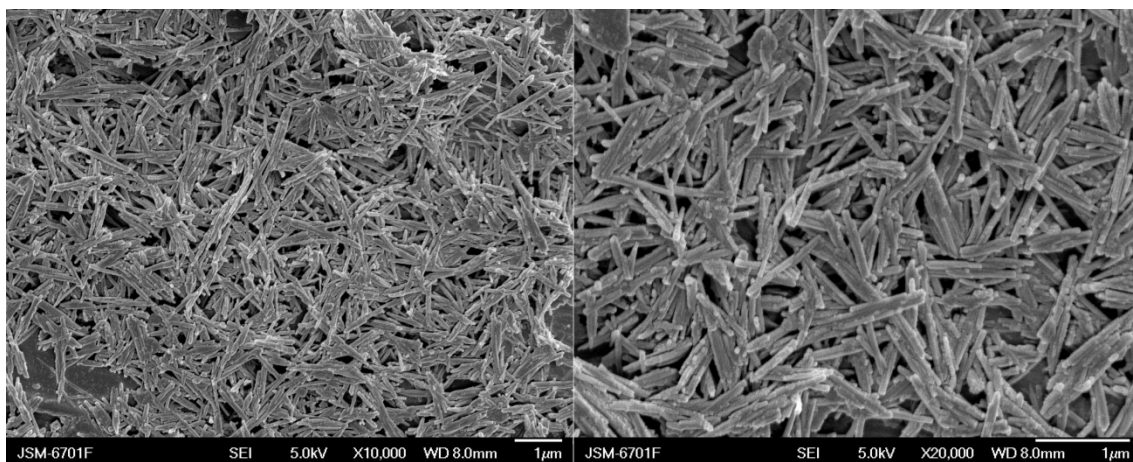
Center of Eco-materials and Green Chemistry, Lanzhou Institute of Chemical Physics,  
Chinese Academy of Sciences, Lanzhou 730000, China.

\*Corresponding author. Fax: 86 931 8277088; Tel: 86 931 4968118; E-mail:

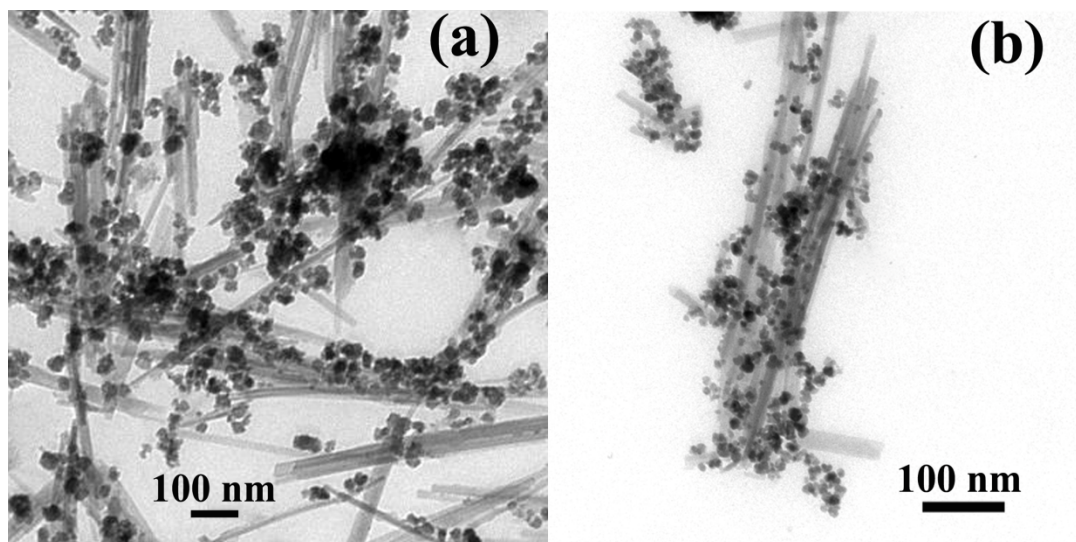
[aqwang@licp.cas.cn](mailto:aqwang@licp.cas.cn)



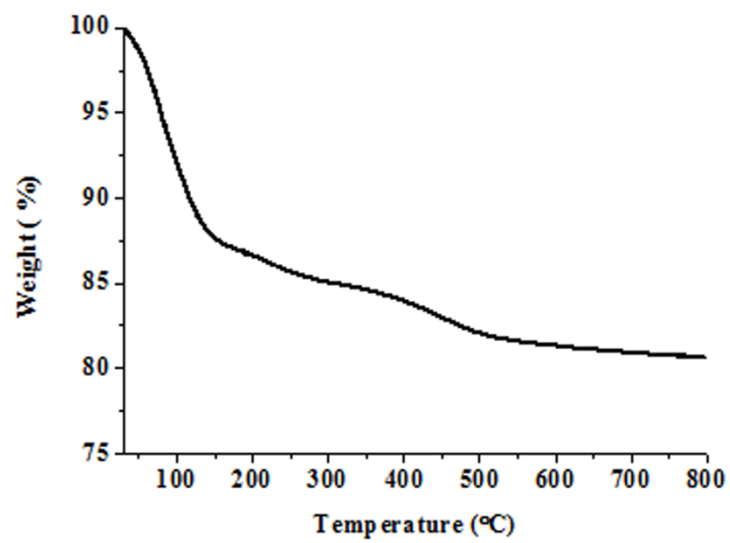
**Fig. S1.** EDX spectrum and N elemental mapping pattern of the as-prepared APT/PANI nanocomposites.



**Fig. S2** SEM images of APT.



**Fig. S3** TEM images of APT/Fe<sub>3</sub>O<sub>4</sub>/PANI<sub>3</sub> and APT/Fe<sub>3</sub>O<sub>4</sub>/PANI<sub>4</sub>.



**Fig. S4** TGA curve of APT under oxygen atmosphere at a heating rate of 10 °C/min.