Supplementary Materials

Article

Preparation of Poly (Allylthiourea-Co-Acrylic Acid) Derived Carbon Materials and Their Applications in Wastewater Treatment

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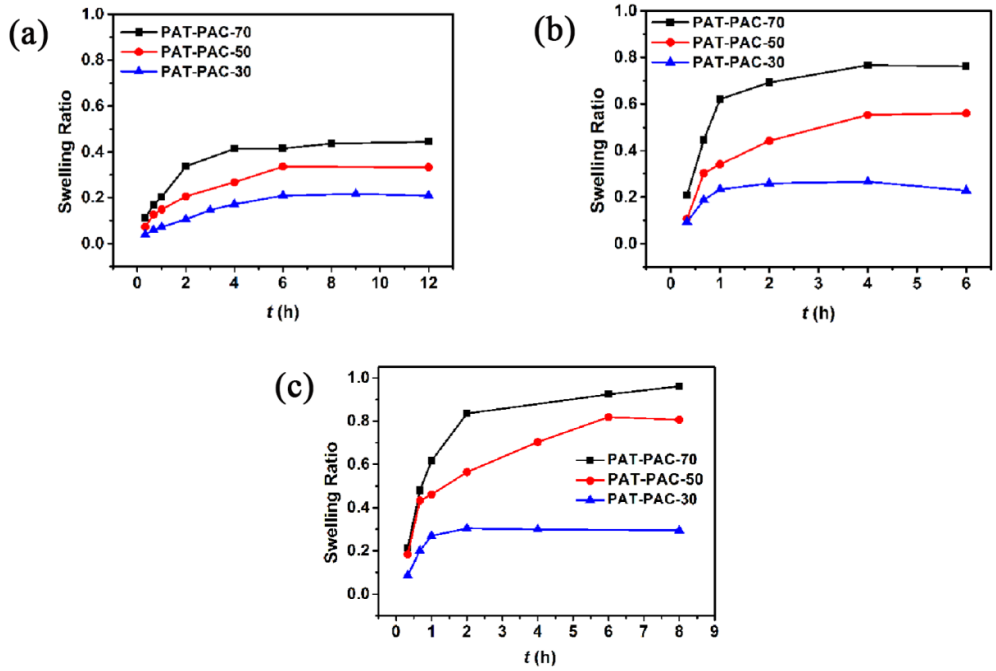


Figure S1. Swelling behaviors of PAT-PAC hydrogels at (a) pH=4.00, (b) pH=7.00 and (c) pH=9.00

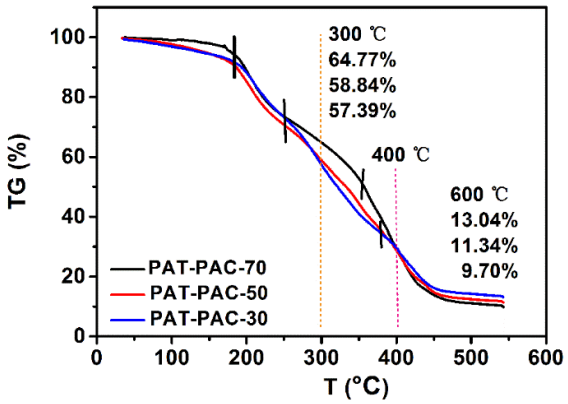
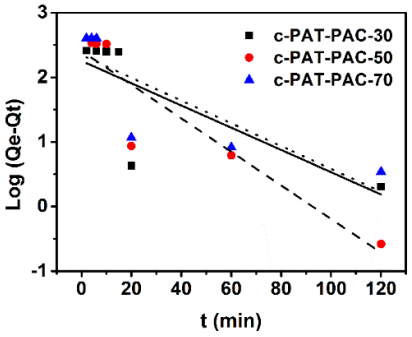
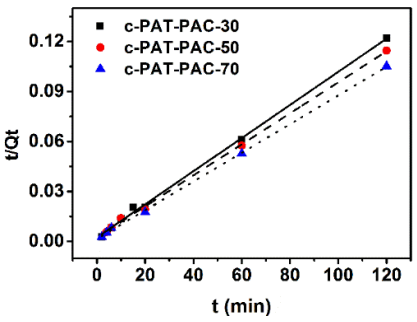


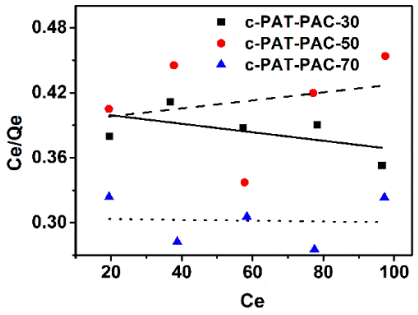
Figure S2. The thermal analysis curve of PAT-PAC hydrogels



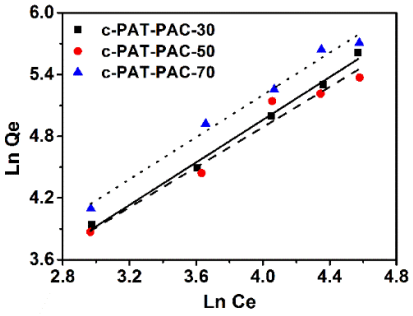
(a)



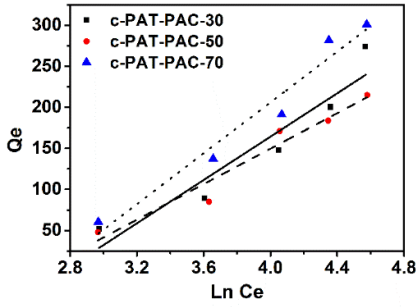
(b)



(c)



(d)



(e)

Figure S3. (a) Pseudo-first-order kinetics isotherms, **(b)** Pseudo-second-order kinetics isotherms, **(c)** Langmuir isotherm model, **(d)** Freundlich isotherm model and **(e)** Tempkin isotherm model for Ni(II) adsorption on carbon monoliths

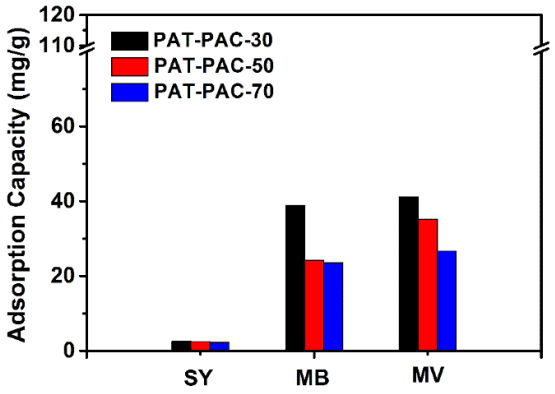


Figure S4. Dye adsorption of dry PAT-PAC hydrogels