

Supporting Information

Structural modification of Acrylonitrile–Butadiene–Styrene waste as an efficient nanoadsorbent for removal of metal ions from water: Isotherm, kinetic and thermodynamic study

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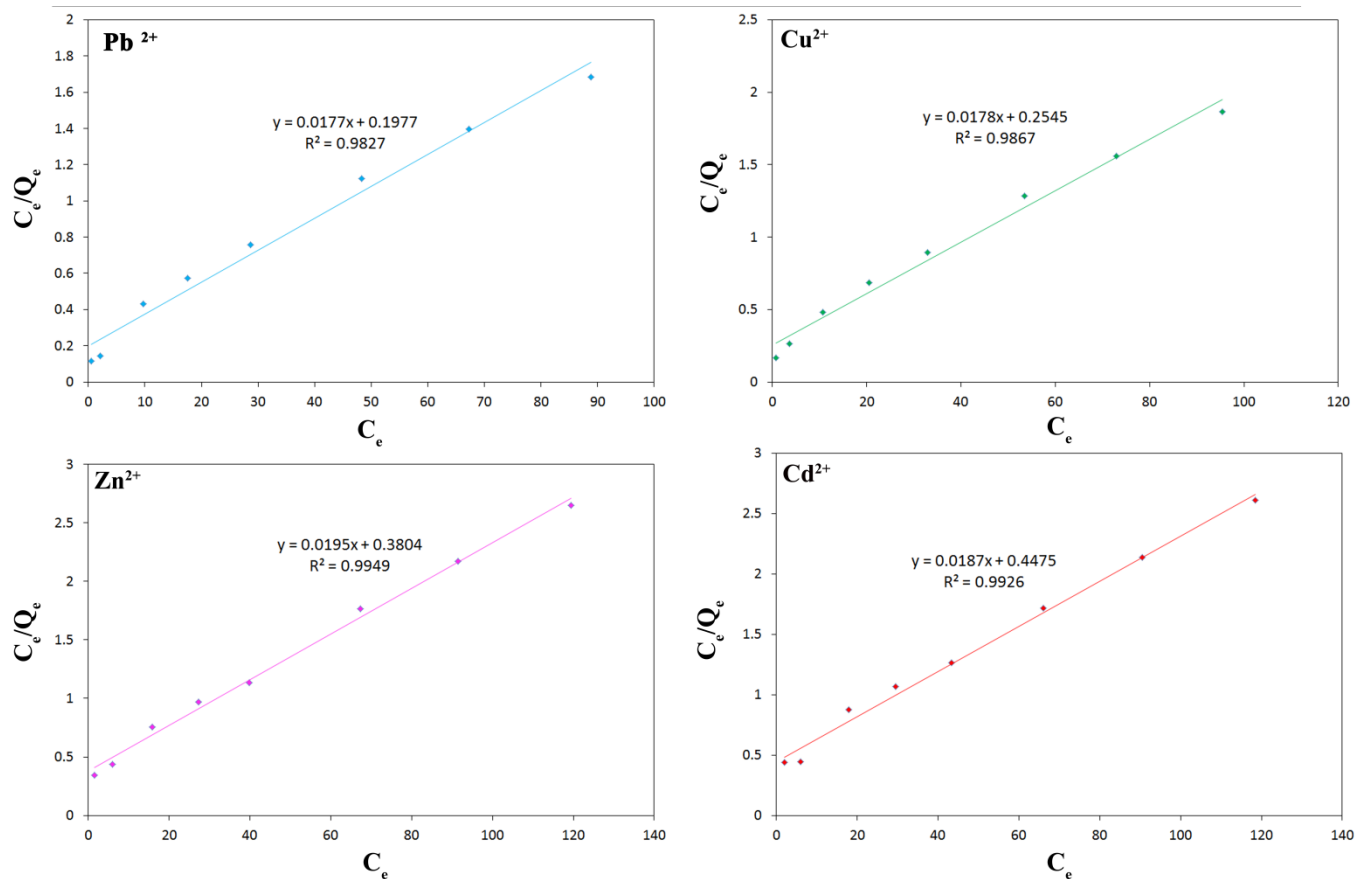


Figure 1S. The linear dependence of C_e/Q_e on C_e according to Langmuir equation (Eq. 5) (pH, 6; initial concentration, 20–300 mg L⁻¹; temperature, 303 K; adsorbent dose, 100mg; contact time, 2 h; volume 25ml).

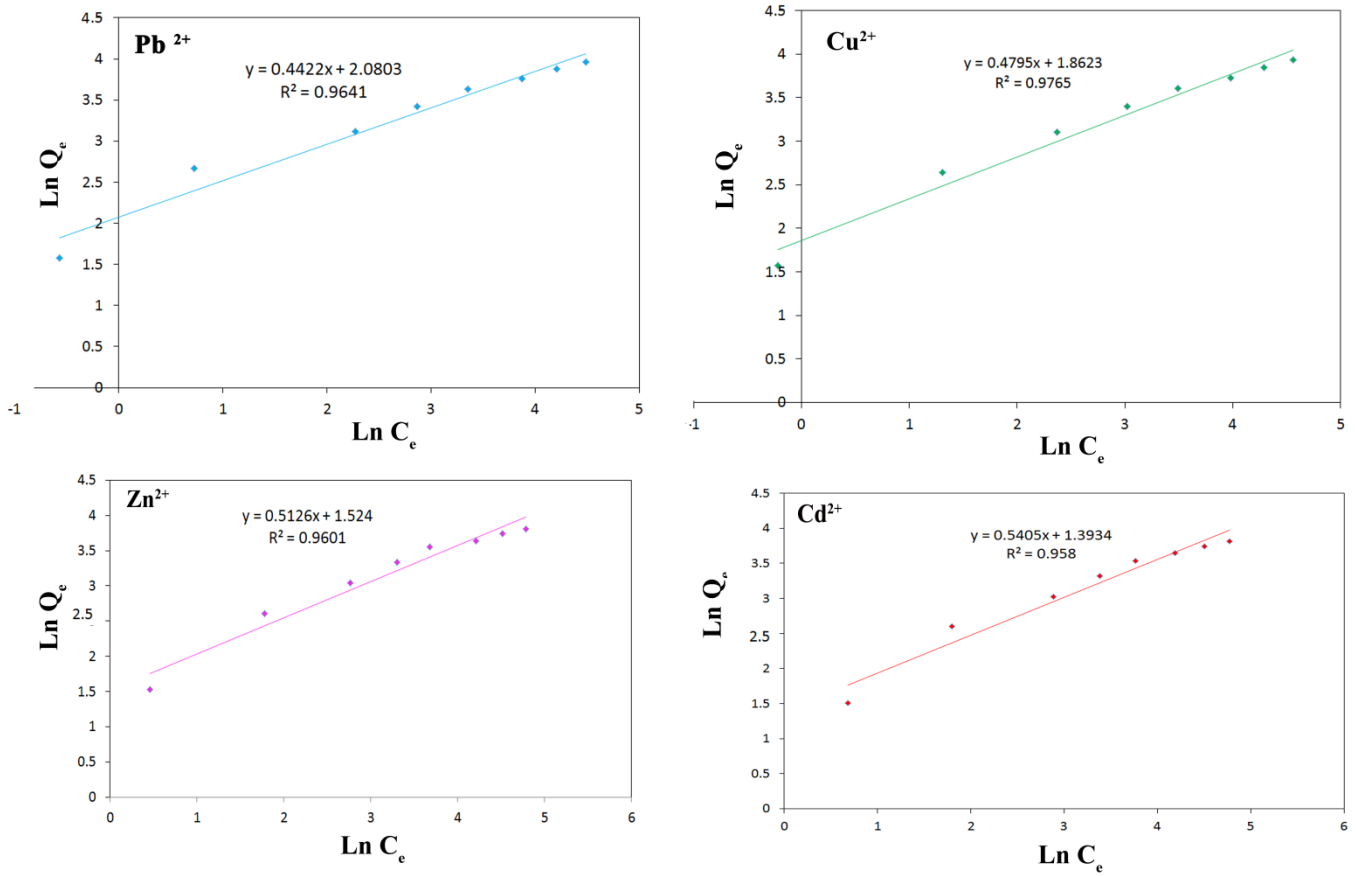


Figure 1S. The linear dependence of $\ln Q_e$ on $\ln C_e$ according to Freundlich equation (4) (pH, 6; initial concentration, 20–300 mg L⁻¹; temperature, 303 K; adsorbent dose, 100mg; contact time, 2 h; volume 25 ml).