

Supporting Information

Facile Conversion of Polystyrene Waste into an Efficient Sorbent for Water Purification

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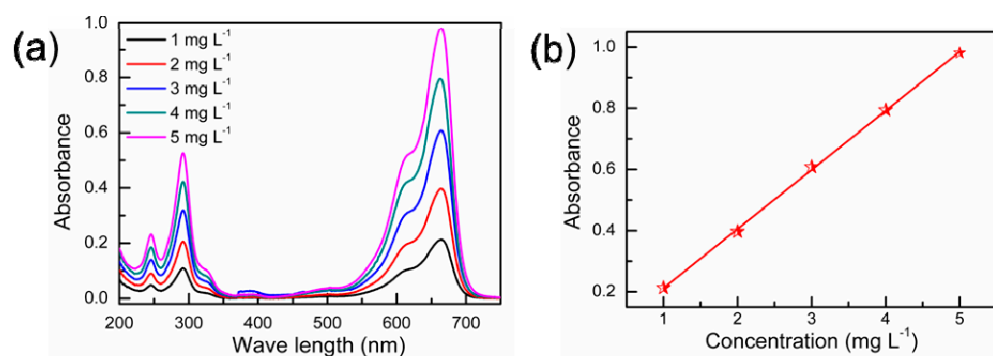


Figure S1 (a) UV spectra of methylene blue, and (b) resulting calibrated curves.

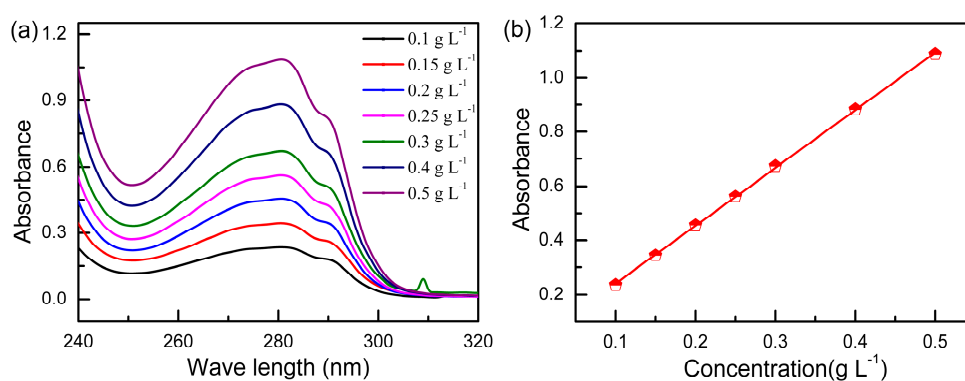


Figure S2 (a) UV spectra of lysozyme, and (b) resulting calibrated curves.

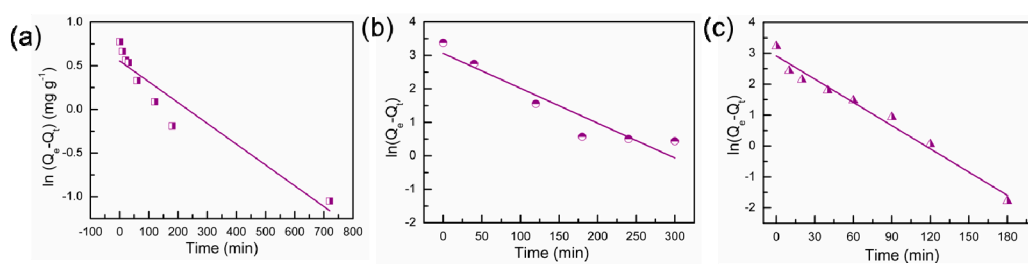


Figure S3 Adsorption fitting curves of (a) Pb^{2+} , (b) lysozyme and (c) methylene blue by the pseudo-first-order equation.

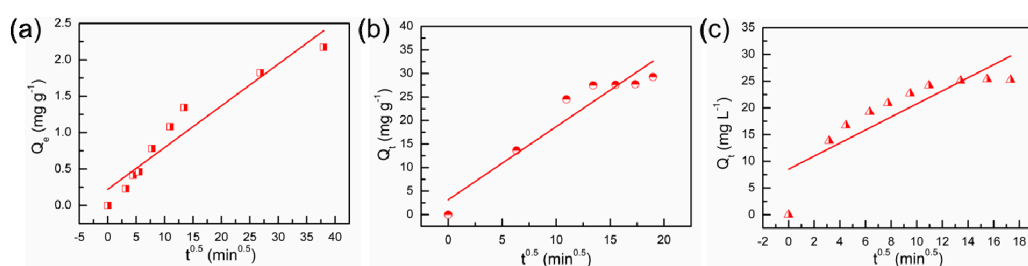


Figure S4 Adsorption fitting curves of (a) Pb^{2+} , (b) lysozyme and (c) methylene blue by intraparticle diffusion equation.