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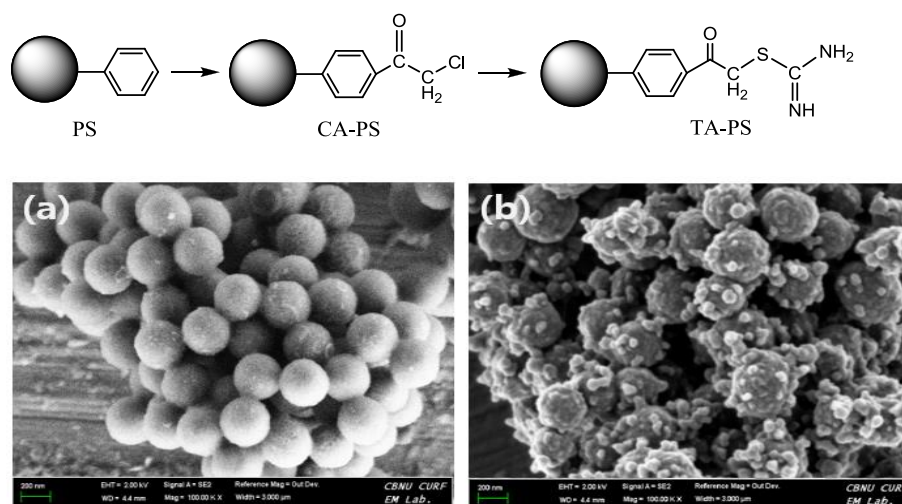
Synthesis of thiourea-immobilized polystyrene nanoparticles and their sorption behavior with respect to silver ions in aqueous phase

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GRAPHICAL ABSTRACT



FE-SEM images of TA-PS nanoparticles: (a) before and (b) after sorption of silver ions

Highlights

- Thiourea-immobilized polystyrene (TA-PS) nanoparticles were synthesized.
- TA-PS is highly acid resistant.
- The maximum Ag^+ sorption capacity of TA-PS was estimated to be 190 ± 5 mg/g.

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