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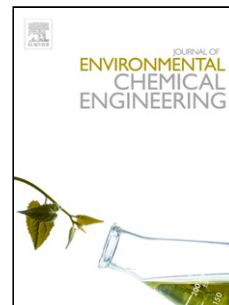
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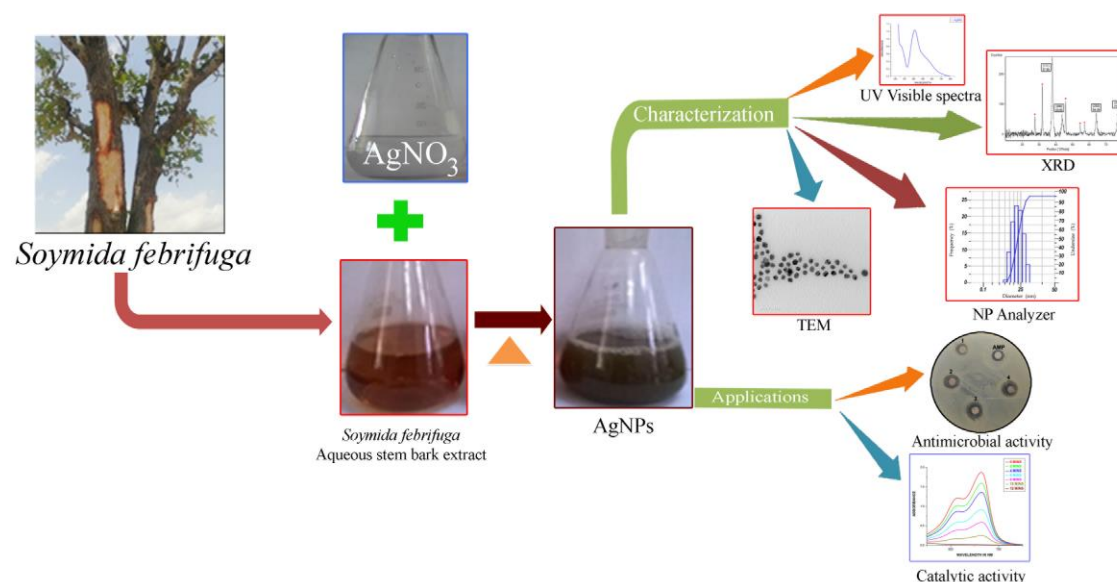
Spectroscopic investigation on catalytic and bactericidal properties of biogenic silver nanoparticles synthesized using *Soymida febrifuga* aqueous stem bark extract

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Graphical abstract



HIGHLIGHTS

- Synthesis of spherical AgNPs from aqueous stem bark extract of *Soymida febrifuga*
- Characterization of AgNPs revealed average particle size of 10-30 nm
- Effective catalytic potential of synthesized AgNPs in degradation of organic dyes
- Effective suppression of bacterial growth by biogenic AgNPs

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