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Title: Singlet oxygen generation potential of porphyrin-sensitized magnetite nanoparticles: synthesis, characterization and photocatalytic application

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Singlet oxygen generation potential of porphyrin-sensitized magnetite nanoparticles: synthesis, characterization and photocatalytic application

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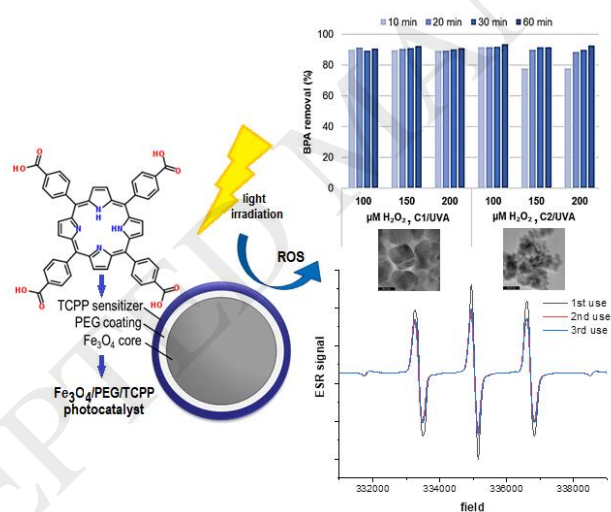
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Graphical abstract



Highlights

- Simple method of synthesis of the *novel* porphyrin-based nanocatalysts is presented
- Singlet oxygen generation potential of the photocatalysts is confirmed
- The obtained recyclable photocatalysts showed a high yield of singlet oxygen generated
- The catalysts proven to be highly effective in the complete BPA removal

Abstract

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