

Supplementary material

Ultrasound-assisted coagulation for *Microcystis aeruginosa* removal using Fe₃O₄-loaded carbon nanotubes

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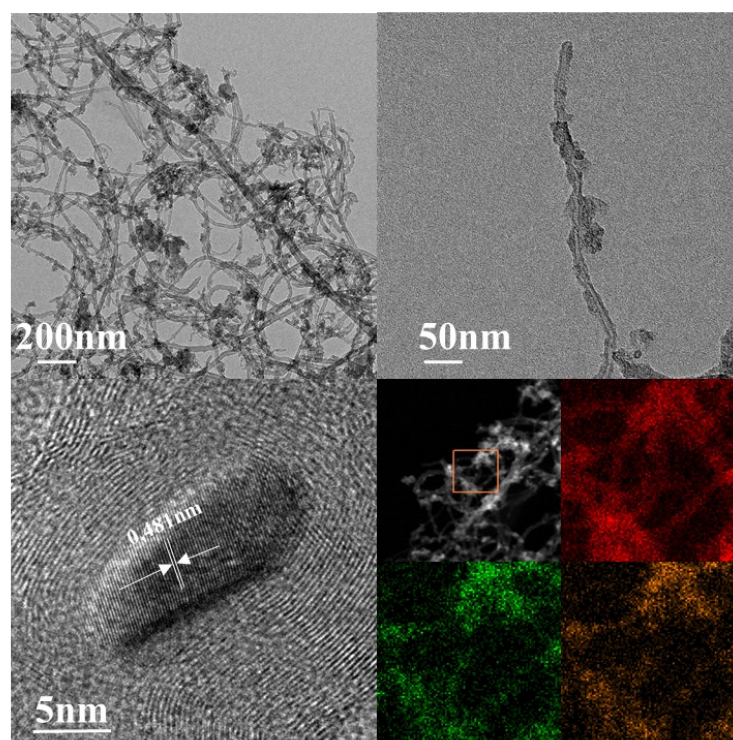


Fig. 1. TEM images of (a, b) Fe₃O₄/MWCNTs-20, chemical element mapping images (c) and (d) the crystalline interplanar spacing of the obtained Fe₃O₄.

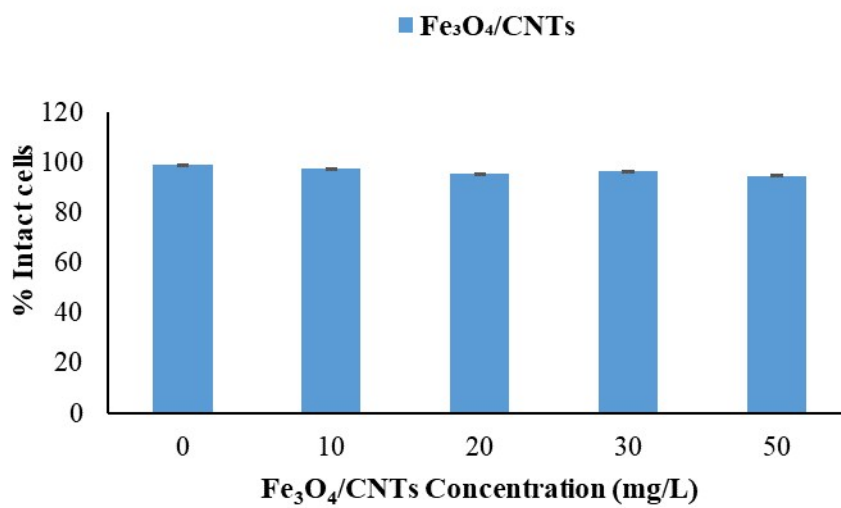
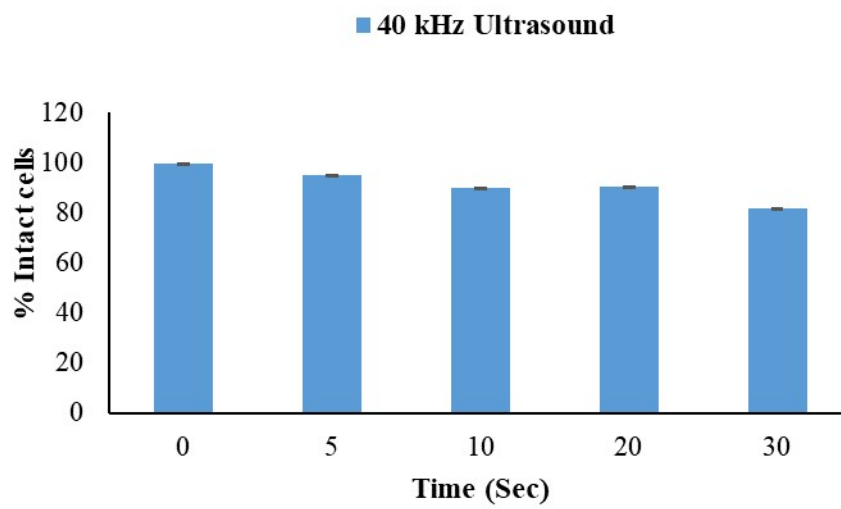


Fig 2. The change of percentage of intact cells using sonication and Fe₃O₄/CNTs.

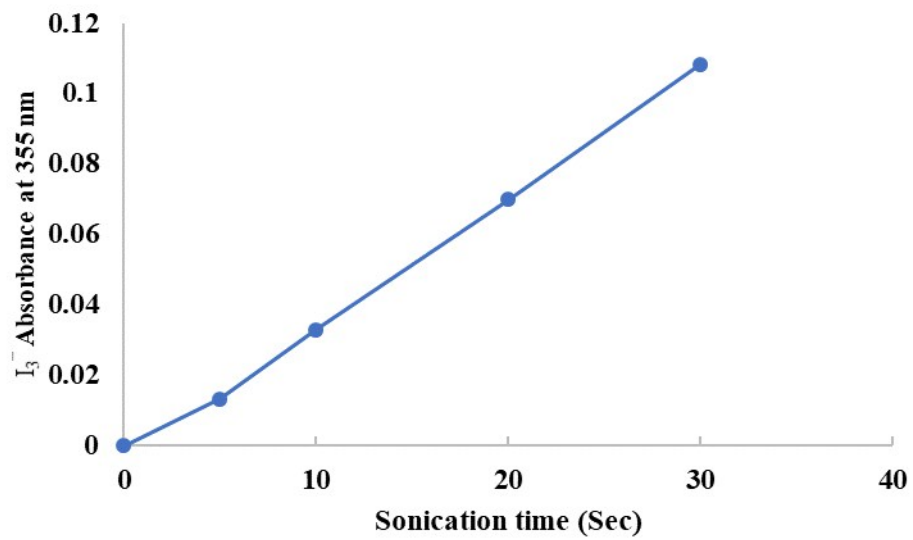


Fig. 3. I₃⁻ concentration after ultrasonication for 0, 10, 20, and 30 second using 40 kHz ultrasound.