

Review of: "Synthesis, Characterization and Ameliorative Effect of Iron Oxide Nanoparticles on Saline-Stressed Zea Mays"

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Potential competing interests: No potential competing interests to declare.

Thanks to the authors for the good paper. However, I have some comments as follows:

The comments are:

1. Abstract needs more details. Please highlight some core findings of the results in this section.
2. Generally, correct the verbs in the entire manuscript.
3. Introduction should be focused on the novelty of the work. Authors also did not care to reveal the scientific novelty and overall importance of their research. And needed to add Aim of the work.
4. The introduction section should contain sufficient related works on FeO nanoparticles and their applications.
5. The word Fig. in all papers should change to → Figure to uniform the usage in all papers.
6. In section 2.7, Assessment of Antioxidant Enzyme Activity, the word H₂O₂ should be modified to → H₂O₂.
7. In section 3.2, Uv-vis should change into → Uv-vis spectrometer.
8. In section 3.3, Microscopic studies of the synthesized nanoparticles, the words Figure 3a and 3b are bad and better changed onto Figure 3(a and b).
9. In figure 3b, the micrographs scale isn't good for high resolution.
10. Results EDX -- remove the insert table from the figure ---
11. Improve the conclusion to encompass all the findings/results.
12. In table 4, it should be written in a better way.
13. References need updating and consistency in the same format.

Final verdict

The paper is acceptable but needs slight improvement to enhance quality. I recommend it be published **after a minor revision**.

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