

Review of: "Synthesis of Nickel Nanoparticles Using Ionic Liquid-Based Extract from *Amaranthus viridis* and Their Antibacterial Activity"

Marzieh Nodehi¹

¹ Chemistry, Hakim Sabzevari University, Sabzawār, Iran

Potential competing interests: No potential competing interests to declare.

In this work, the authors report the Synthesis of Nickel Nanoparticles Using Ionic Liquid-Based Extract from *Amaranthus viridis* and Their Antibacterial Activity. Here are some questions to be addressed and major revisions to be made as follows.

1-The full name of all abbreviations in the abstract should be presented in the same way; for example, the full name of FESEM is written in capital letters and XRD is written in small letters.

2-The introduction is very poorly written. A very brief reference has been made to the components of the article, and no mention has been made of the selection of nickel nanoparticles, and the advantages and disadvantages of various methods of synthesis. Also, no background of research that has been done in this field so far is mentioned in the introduction.

3-The subtitles in the manuscript should be corrected.

4-Please correct the grammatical and language errors in the manuscript.

5-Improve the quality of figures, for example, the UV and FESEM figures.