

# Review of: "Nanomaterials: History, Production, Properties, Applications, and Toxicities"

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**Potential competing interests:** No potential competing interests to declare.

- Quantify the abstract. Point out and report key results.
- Keywords should reflect the key points of the work. Be corrected. Don't use form abbreviation
- Add all of the materials that were used in our paper in the Materials and Methods section
- Describe the innovation of your work and add it as a paragraph to the introduction
- The title is not attractive at all. Improve.
- Page 3, line 7. It is suggested that it be rewritten better and more accurately.
- Page 5, line 9, the text is not fluent. Improve.
- Some cases are stated in the text of the article without providing a reference. The appropriate reference must be added. You can use the following references to improve the quality of the article: Parameters effecting on photocatalytic degradation of the phenol from aqueous solutions in the presence of ZnO nanocatalyst under irradiation of UV-C light, 10.1016/j.chemosphere.2020.129382, 10.2166/wst.2016.318, 10.1007/s13399-023-03895-6,
- Add error bars to all shapes
- Tables should be designed similarly
- Use new references in the article; for example: 10.1002/fsn3.2180, 10.5004/dwt.2017.20686, 10.1016/j.envres.2023.116773, 10.1080/03067319.2021.1938021, 10.1002/jssc.202200365,
- Check the number of figures, tables, and equations
- The literature review in the paper is poor.... The references used need to be improved and strengthened. For this purpose, use the following related references in the article as much as possible: Adsorption and magnetic separation of lead from synthetic wastewater using carbon/iron oxide nanoparticles composite, Extraction and determination of phthalate esters (PAEs) in doogh, 10.1038/s41598-022-21551-3, 10.1016/j.microc.2023.108791, 10.1080/03067319.2022.2034798, 10.1080/03067319.2020.1867721, TVOCs and BTEX concentrations in the air of South Pars special economic energy zone
- Some of the references used are not in the journal format, so they should be carefully checked and corrected
- The conclusion section should be rewritten to report what has been obtained from the research