Review of: "A memory dependent analysis on permeation of non-Gaussian laser pulse through human skin"

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Potential competing interests: No potential competing interests to declare.

The authors presented a study based on: A memory dependent analysis on permeation of non-Gaussian laser pulse through human skin. The contribution of the report to the body of knowledge is significant and novel. Also, the aim and objectives of the study are within the scope of the journal. However, the present form of the report needs revision. Therefore, the following comments must be considered carefully before this recommendation:

1. More detailed abstract with more quantitative data are need. Clearly mention about the aim and main findings of your study. In abstract, provide some info for the importance of study subject before giving the study content.

2. The authors should define the novelty of the problem in the end of introduction clearly.

3. In my opinion the quality of the general dissertation (introduction, description of the model) and exposition of the results, can be improved substantially before publication.

4. The obtained results should be compared with published literature.

5. Complete the manuscript with some additional, less basic results.

6. The scientific significance is not sufficient and the innovation is not clear.

7. Kindly provide some recommendations for future studies in the conclusion section.

8. The documentation of the paper is poor as seen from the references. The authors should update the write up by incorporating the following published articles:

i. Effects of thermal radiation, viscous and Joule heating on electrical MHD nanofluid with double stratification. Chinese Journal of Physics. 2017 Jun 1;55(3):630-51.

ii. Impact of thermal radiation on electrical MHD flow of nanofluid over nonlinear stretching sheet with variable thickness. Alexandria engineering journal. 2018 Sep 1;57(3):2187-97.

iii. Stratified electromagnetohydrodynamic flow of nanofluid supporting convective role. Korean Journal of Chemical Engineering. 2019 Jul 1;36(7):1021-32.