

# 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.

Dear Authors,

Your work seems interesting, but for publication I think some revisions are needed.

The problems you need to solve, in my opinion, are the following.

1. The English translation needs to be improved for all texts, since several problems appeared, such as words that should be capitalized and are not. See "eigen" on page 2 or "kernel" on page 4, or misspelled words like "Gasussian" on page 12. Please check and improve in all text.
2. Do not insert equations/formulas without proper reference, as they are not original. See equations (7), (12), (13). Check all equations for this problem.
3. Some equations are well known and can be deleted, like equations (1), (3), (4).
4. Please be more precise about the novelty of your work (is this the first time anyone has done such investigations?) and add improved sentences about it at the end of the Introduction chapter.
5. Figure 1 is very interesting, but I really don't know if it is necessary for this paper. Please comment.
6. It is not very clear which parts of the paper are original and which are from other authors. Maybe you can clarify this.
7. I suggest you reorganize your paper, so that after the introduction you have the Experimental or Theoretical part, followed by Results and Discussion and Conclusions. For example, chapters 2, 3, 4, 5 can be subchapters of the experimental/theoretical chapter and chapters 6, 7 and 8 can be subchapters of the results and discussion chapter.
8. In Conclusions, please include not only the numerical part, but also the comparison with experiments.