

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 work needs major revision:

- 1) The research reference is not disciplined and not attributed to real researchers.
- 2) important The introduction should be expanded to write references in the research topic, e.g.
 - I) Time-fractional theory:
 - i) DOI:10.1016/j.physb.2010.10.005, DOI:10.1007/s00542-017-3425-6, DOI:10.1016/j.ijthermalsci.2016.04.020, DOI:10.1080/15376494.2011.643280
 - II) Memory-Dependent derivative
 - i) DOI:10.1016/j.ijmecsci.2014.10.006, ii) DOI:10.3233/JAE-150131, iii) DOI:10.1080/15376494.2016.1196793
 - III)
 - i) DOI:10.1080/15397734.2021.1907757, ii) DOI:10.1108/HFF-03-2021-0201,
 - iii) DOI:10.1007/s00419-021-01984-4, iv) DOI:10.1108/HFF-03-2020-0182
 - iv) DOI:10.1080/01495739.2020.1770643
 - 3) Please clarify the purpose of the research
 - 4) The novelty and original contribution of the carried out study should be specified more clearly.
 - 5) Results should be clear and concise and the discussion should be explore the significance of the results.
 - 6) More insights should be included in the conclusion section.
 - 7) Comparisons should be made to highlight the importance of the work.
 - 8) There are some misprints that can be corrected the revised version for running a spell check that would remove the above mentioned typographic mistakes and make the manuscript better.
 - 9) What is the form of the Kernel in the calculations?
 - 10) The discussion part of the article is not based on the literature

I can't recommended this work for publication in Qeios in its present form