Review of: "Comparison of extended irreversible thermodynamics and nonequilibrium statistical operator method with thermodynamics based on a distribution containing the first-passage time"

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Potential competing interests: No potential competing interests to declare.

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Minor Revision

In this paper, the authors report the “Comparison of extended irreversible thermodynamics and nonequilibrium statistical operator method with thermodynamics based on a distribution containing the first-passage time”. The abstract and problem formulation past is well written. The content of the manuscript appears to be both original and intriguing. However, a few **minor revisions** are required to improve the manuscript quality. Once the revisions are made, I believe the manuscript would be well-suited for inclusion in "Qeios".

1. Some grammatical and typo mistakes are found in the manuscript. Carefully rectify all such mistakes in the entire manuscript.
2. The author should add the nomenclature section.
3. The author should present the comparison table to approve the validation of current results.
4. Although the introduction is well written, but I feel there is lack of few interesting and recent publication relating to heat transport in different types of fluids, so I recommend considering the following citations:

a. Influence of radially magnetic field properties in a peristaltic flow with internal heat generation: Numerical treatment
b. Entropy analysis in a cilia transport of nanofluid under the influence of magnetic field
c. Entropy analysis of SWCNT & MWCNT flow induced by collecting beating of cilia with porous medium
d. Entropy generation during peristaltically flowing nanofluid in an axisymmetric channel with flexible walls
e. Peristaltic heat transport analysis of carbon nanotubes in a flexible duct due to metachronal waves of cilia