

# Review of: "Tsallis Entropy applied to microfluidic channels analysis"

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

This paper will accept if the following amendment done by the author:

- The abstract is wordy and not informative. The structure of the abstract needs revision. Revise the abstract to provide
  - i. the significance of the study,
  - ii. the aim of the study,
  - iii. the research methodology,
  - iv. the major conclusion of the study
- English language needs some improvement throughout the paper. Example in the Abstract “Moreover, which found that present results found to be the present results”
- On what basis the parametric values are chosen? Do they correspond to a specific physical condition? Please justify?
- Authors should related to their work with real life application which specified?
- Improve the results and discussion section with physically?
- The literature review suffers from significant self-citations and is not comprehensive given the many effects and should be improved by considering the related

references: <https://www.tandfonline.com/doi/abs/10.1080/17455030.2022.2111029>

<https://www.aimspress.com/aimspress-data/math/2022/12/PDF/math-07-12-1126.pdf>

<https://www.worldscientific.com/doi/abs/10.1142/S0217979223500650>

<https://www.mdpi.com/2227-7390/10/19/3573>

- The introduction is very poorly written like as “check the grammar?”