

Review of: "[Commentary] Can artificial jellyfish be the next pragmatic autonomous self-deployable actuator?"

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Potential competing interests: No potential competing interests to declare.

1. The introduction can be more streamlined. By the time the readers come to the part where 3 questions are posed, those 3 questions should already have been formed in their minds. This can be accomplished by discussing the advantages and disadvantages of the SoFi and other state-of-the-art technologies in such a way that the focus starts converging to the three questions. Instead, right now, there are too many repetitions, generic statements, and sudden jumps. If for each study in the introduction, the author discusses what has been accomplished and what is left to be accomplished, the reader will automatically frame the required questions in their minds.
2. There is a jellyfish-like swimming study from a group in Germany (<https://doi.org/10.1038/s41467-019-10549-7>). How does it compare to the study in focus? If the author wants the focus of the paper to be jellyfish-like motion in general, then there can be many more examples that can be discussed. However, if the author wants the focus of the paper to be that one Tadesse et.al. study, then please also list the disadvantages of that study. We don't want to mislead the readers. In this case, please also change the title of the paper because at present it looks like you will cover a wide aspect of jellyfish actuators.
3. There are also many references missing. For example:
 1. groundbreaking applications in a spectrum of industries. Which industries, what applications?
 2. roots of soft robotics extend back half a century. Which study is the author talking about here?
 3. military and industrial applications like what?
4. Is minimal noise the only advantage of Tadesse et.al.? (Note: The citation format "et.al." should be changed to "et al." for consistency.)
5. After having considered other technologies in the Conclusions, is TCPFL still preferable over other methods?
6. Outlook should also mention how long each actuator can keep running. Oceans are vast, and a limited power source wouldn't be ideal. Tracking the actuators is another equally important aspect which should be discussed in a couple of sentences.

Overall, the paper is good but can be improved :)