

Review of: "Another rate view on autocatalytic reactions"

Slava Shkirskiy

Potential competing interests: No potential competing interests to declare.

I'd like to offer a general observation regarding the paper's novelty. The introduction implies that the primary issue lies in defining the terminology of autocatalytic reactions, a subject seemingly already explored by the author in a prior publication. As it stands, the unique contribution of this particular paper remains ambiguous. There is also uncertainty as to whether the topic has been exhaustively researched or if more investigation is needed. I also suggest avoiding nebulous terminology such as, "The IUPAC definition of a catalyst is not bad." The author should instead provide explicit detail on what is considered "not bad" about the current definition, among other aspects.

Moreover, the author should provide further technical details regarding the Comsol simulation. I would also propose that the author uploads their open-source code. This act would not only endorse transparency but also empower others to replicate the study if necessary, thereby bolstering the reliability and reproducibility of results.