

# Review of: "Determining kinetics parameters of bovine serum albumin-protected gold nanozymes toward different substrates"

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Potential competing interests: No potential competing interests to declare.

In this manuscript entitled "Determining kinetics parameters of bovine serum albumin-protected gold nanozymes toward different substrates", the authors have performed the kinetics studies of the as-prepared BSA-gold nanozymes by measuring their activity as a function of DAB or TMB (i.e., enzyme-substrate) concentrations. The approach is interesting and the topic is appropriate. Some modifications and improvements are needed to enhance the quality of the paper.

1. Please start the abstract with a short introduction of the current problem(s) and the solution, based on the current study, in one or two lines.
2. The keywords are missing. In keywords, please do not use words that are already in the title.
3. What is the novelty and significance of the research?
4. Make sure all abbreviations are written out in full the first time used. This is particularly important in the abstract and the conclusions but work through the entire manuscript carefully from this perspective.
5. The authors should prepare all figures with better resolution.
6. The structure of paper needs some revision.
7. The logic of the work is not clear.
8. In the current state, there are some typographical errors. Therefore, the authors are advised to recheck the whole manuscript for improving the language and structure carefully.
9. The results must be compared with data on other compounds reported in the literature, otherwise, it is difficult to judge the actual impact/improvement beyond the state of the art of the present approach.