

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.

Determining kinetics parameters of bovine serum albumin protected gold nanozymes toward different substrates

General Comment:

The submitted article is based on the determination of kinetic parameters of gold nanozymes protected via BSA towards different substrates. The substrates deployed are not well defined and the abbreviated forms don't scientifically suffice their exact chemical composition. The composition of the article is not compact, and the data incorporated looks insufficient. The whole scientific basis of the article is not well explained and well organized with major gaps in data representation and analysis.

The article needs to be well written and revised thoroughly before being accepted in Qeios.

Detailed comments:

1. The whole article needs to be re-written with proper formatting and indentation. The language used is not clear and proper scientific basis is lacking.
2. The abbreviations used is not well defined.
3. The figures along with their legends and description is not in acceptable form.
4. The scientific basis for calculation of V_{\max} and k_m must be explained clearly.
5. The data incorporated is insufficient and further experimental evidence must be provided to prove the objectives of the paper.
6. Conclusion must be concise and novelty to be highlighted.
7. The referencing format is not consistent and proper.