

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.

This paper deserves a lot of improvement. It is understood that the paper has been written carelessly, with poor punctuation. In the abstract as well as the conclusion, the last sentence, "This difference.... mechanism," is a vague one. Any two different chemicals will behave differently. More details about oxidation mechanism could have been provided. Many of the abbreviations used in the paper has not been defined. Figure 1 is not clear, it just shows some patches, and visually it can be seen that some of these patches are about 25-30 nm. In figure 2, the authors claim that the oxidation rate levelled off, but the trend in Fig 2A seems to be falling and that in Fig2B seems to be rising. The last three sentences at the end of section 3.2, 'The Vmax oxidation mechanism,' are speculative and are written without sound scientific backing.