

Review of: "Effect of daylight and air oxygen on nanozymatic activity of unmodified silver nanoparticles: Shelf-stability"

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Potential competing interests: No potential competing interests to declare.

The article is difficult to read and contains grammatical errors. The writing could be improved.

Most of the citations in the manuscript are inappropriate. It is unethical and unacceptable that 13 out of 24 citations in the manuscript are self-citations.

The title is confusing. Avoid the semicolon and provide a simple and representative title.

There are many different expressions used for the same thing (e.g., peroxidase-like activity, nanozymatic activity, specific activity, residual activity, catalytic activity, activity // Unmodified silver nanoparticles, nanozymes, etc.), and this makes the manuscript unclear.

The author claims that the nanoparticles are "unmodified" but this is incorrect. Silver nanoparticles are citrate-coated according to the materials and methods section.

How specific activity of nanozymes ($\mu\text{M sec}^{-1}$) was obtained? Please, include an equation with the calculations.

How the experiment of daylight effect was done? How do you separate the effect of the oxygen from the light?

Which class of combined pH electrode do you use to measure pH in a solution of only 1.15 mL of volume? How is possible to obtain a pH of 0.4 with an acetate buffer?

There are not conclusions in the conclusion section. It is a copy-paste from the abstract.