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| Journal Name: | Journal of Advances in Biology & Biotechnology |
| Manuscript Number: | Ms\_JABB\_139507 |
| Title of the Manuscript: | Sustainable Innovations in Fruit and Vegetable Preservation: Towards a Synergy of Technologies for Optimal Quality |
| Type of the Article | Review Article |

PART 1: Comments

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|  | Reviewer’s comment  Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review. | Author’s Feedback (It is mandatory that authors should write his/her  feedback here) |
| Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this  part. | In the current conditions of increased population on Earth and food shortages, it is very important to find  safe and effective ways to preserve the composition and quality of fruits and vegetables, to which this scientific work contributes.  This review investigates in detail the different PPIs, analyzing their mechanisms of action, their performance and their advantages compared to conventional methods.  This manuscript studiously describes the latest developments in the field of post-harvest preservation, with the aim of providing a better understanding of the most appropriate strategies to ensure the  sustainability and safety of food products throughout the supply chain and therefore I propose that this  manuscript be published. |  |
| Is the title of the article suitable?  (If not please suggest an alternative title) | Yes it is. |  |
| Is the abstract of the article comprehensive? Do you  suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | Yes, the abstract of the article is comprehensive, and I do not suggest the addition (or deletion) of some points in  this section. |  |
| Is the manuscript scientifically, correct? Please write  here. | Yes the manuscript is scientifically correct. |  |
| Are the references sufficient and recent? If you have  suggestions of additional references, please mention them in the review form. | Yes the references are sufficient and recent. |  |
| Is the language/English quality of the article suitable  for scholarly communications? | Yes, the quality of the language/English of the article is suitable for scholarly communications. |  |
| Optional/General comments | It is necessary to perform a detailed review of the work and make all necessary technical and punctuation  corrections (e.g., it is necessary to delete the last sentence in the abstract because the same sentence is cited twice; the literature in the list of literature needs to be corrected to be uniform in technical terms for all references of the same type of source, etc.). |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

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