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REVIEWER'S REPORT

Manuscript No.: IJAR-50330

Date: 19/2/2025

Title:

***Litchi chinensis* Sonn. – The Queen of Fruits: A Comprehensive Review of its Origin, Distribution, Nutritional Value, Phytochemistry, Pharmacological Properties and Economic Importance**

Recommendation:

Accept as it is

Accept after minor revision... ✓

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Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality		Good		
Clarity	Excellent			
Significance	Excellent			

Reviewer Name: Dr.Sumathi

Date: 19/2/2025

Reviewer's Comment for Publication.

(To be published with the manuscript in the journal)

The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name.

Litchi chinensis is the scientific name for the lychee tree, a tropical evergreen tree that produces the lychee fruit. The tree is also used as a hedge , specimen, screen, or for shade and fruit harvest. The tree has also been used in many cultures for medicinal purposes.

Detailed Reviewer's Report

- Cultivars nothing but a variety of a plant developed from a natural species and maintained under cultivation. It is a kind of cultivated plant that people have selected for desired traits and which retains those traits when propagated.**

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- 2. Antioxidants a substance that protects cells from the damage caused by free radicals . It may play a part in cancer, heart disease, stroke and other diseases of aging.**
- 3. Nutritional value refers to the amount and composition of essential nutrients present in a food or beverage. It provides information about the various nutrients that contribute to a healthy diet.**
- 4. Phytochemistry is the study of phytochemicals derived from plants. Phytochemicals strive to describe the structures of the large number of secondary metabolites found in plants, the functions of compounds in human and plant biology, and the biosynthesis of these compounds.**
- 5. Pharmacological properties are the characteristics of a substance that can be used to treat, prevent, or diagnose a disease. Pharmacology is the science of drugs, including their properties and reactions.**
- 6. Litchi chinensis, a tropical fruit tree, has many potential pharmacological properties, including antioxidant, anti inflammatory and anticancer properties. It is also been used in traditional medicine to treat a variety of ailments.**
- 7. This research findings are medicinally value . Can be continued to explore molecular level with invivo studies to explore more medical valued in future.**
- 8. Summary parts can be included. Flow charts of research can be included.**
- 9. Pictures are given very clear and excellent. Review informations are good and significant points.**
- 10. This research is value to publish in your reputed journal.**