

Review of: "Valorization of palm oil wastes into oyster mushrooms (*Pleurotus HK-37*) and biogas production"

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Potential competing interests: No potential competing interests to declare.

1. please add a line number before submitting the manuscript.
2. minimize the number of key words
3. please re-write the abstract section (grammatical, the number of word counts, sentence structure is not give good sound). Please give the detail about your work with a maximum of 300 words.
4. Abstract section (line 2-4) sentence structure must be revised.
5. In the last line of the abstract section you write "Further studies should optimize their production and conduct techno-economic" what does it mean? is this optimized parameter or what? please make it clear.
6. The introduction section need major revision. for example 2 and 4 are almost similar. Please much some of the idea in the different paragraph to improve the soundness.
7. The consistency and coherence of this section is need revision.
8. Some of the literature used in the citation is too old please change with the new one (Eg. (Basiron, 2007), (Alawi, 2009), (Tabi et al., 2008) etc. Must be <5 year.
9. The last paragraph of introduction section must be your objective and gaps. please revise and re-write your gaps, and objective in a clear manner.
10. Methods: what is your reference for Spawn preparation and Substrate preparation? please cite appropriate literature.
11. The Key in the "Table 1. Blends of palm oil processing waste fractions used for mushroom cultivation" put in the comma after table.
12. If you understand comment number 10. All idea with either modification or direct use must be supported by a reference. please make a clear modification.
13. Why you didn't assign section and sub section for each section?
14. In result section: the word "Generally" indicate you want conclude the result. Please revise the result section. It need extensive modification include: sentence arrangement, grammar, weak interpretation etc.)
15. Please use appropriate table design with caption.
16. The discussion part is totally weak. please discusses your obtained result wit appropriate literature.
17. Conclusion: please modify this section. Just summarize your result.
18. Reference: please modified this part based on the above comments.
19. Please its need extensive grammar, sentence structure, consistency of ideas, and coherence of the paragraph) all this must be revised through out the manuscript.
20. Some of the abbreviation are not defined. please made correction.

21. questions: 1. what is the novelty of your work?
22. Biogas production techniques is a very sophisticated and classical so what is your gap?
23. Why you want focused on the substrate used? wer know that many substrate were used for biogas production. What is the unique properties? please compare with other substrate?
24. If the project were funded by some organization and thereis no bujet concentrain. Therefor why not you characterize the substrate or the biogas product using advanced instruments?
25. Finally please attach the original image and table (not snap soot) for the re-submission.
26. I recommend to published this article after substantial modification and revision based on the comment above. Thank you.