

Review Form2

Book Name:	Current Perspectives in Agriculture and Food Science
Manuscript Number:	Ms_BPR_2433
Title of the Manuscript:	Effect of Extracting Solvents on the Phyto-chemical Properties of Fermented Pawpaw (Carica papaya L.) Seed
Type of the Article	Book chapter

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback(Please correct the manuscript and highlight that part in the manuscript. 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. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.	The manuscript is important in food and agriculture as well as medicinal research providing insight into the potential of pawpaw seeds as food, feed or medicine.The author was able to qualify the photochemical composition of the plants. But the writing and presentation of the research is lacking.	
Is the title of the article suitable? (If not please suggest an alternative title)	"The Phytochemical and lipid oxidation quantification of the aqueous, n-hexane and petroleum ether extracts ofFermented Pawpaw (Carica papaya L.) Seed" would be a more suitable title for the article.	
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.	"this research was aimed at evaluating the effect of extracting solvents on the yield, phytochemical compounds and selected chemical properties of fermented pawpaw (Carica papaya) seed",the aim should change with a change in title	
Are subsections and structure of the manuscript appropriate?	The tables in result and discussion should be placed in the a appropriate subsection. The introduction does not flow systematically which causes confusion. It doesn't give abasis for the research or method.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimumof 3-4 sentences may be required for this part.	The methodsare scientifically appropriate and reproducible. The photochemical analysis is robust and could show antioxidants potential through the phenolic, flavonoid and oxalate content. MeasuringLipid oxidation is also important for presentation purposes and oxidative stress control. Writing the significance for the result would better reflect the antioxidant properties than an assumption like this statement "It is evident that petroleum ether extract contains more phytochemical compounds than the other extracts so it is likely to have more antioxidant activities since antioxidant activities are associated with phytochemicals [18]"	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	Insufficient references please add more references. The citation is not in numerical order as they appear	

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	The introduction is not properly written. The recommendation is for further research. This statement “Petroleum ether is recommended as the appropriate extraction solvent for optimum yield of elongated T-solo variety. Equally, petroleum ether extract is preferable for the highest phytochemical composition.” Is misplaced The conclusion repeats the yield and phytochemical result without drawing any conclusion from them.	
Optional/General comments	Attend to the comments highlighted on the article.	

PART 2:

	Reviewer’s comment	Author’s comment(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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