



**SDI Review Form 1.6**

Journal Name:	<a href="#">Biotechnology Journal International</a>
Manuscript Number:	Ms_BJI_49149
Title of the Manuscript:	Exploration on the Effectiveness of Radio Frequency Treatment and Flash Pasteurisation on Enzyme and Microbial Activity for Coconut Water Preservation
Type of the Article	

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**PART 1: Review Comments**

	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)
<b>Compulsory</b> REVISION comments		
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments	<p>This study reports important data on a topical research direction, focused on the comparison of effect of thermal treatment (flash pasteurization: FP) and non-thermal (radio frequency: RF) treatment on enzyme activity, microbial activity and physico-chemical properties of matured coconut water (MCW).</p> <p>Some appreciations can be done about this manuscript, as follows:</p> <ul style="list-style-type: none"> <li>- the Introduction gives a suitable presentation of the addressed issue;</li> <li>- the objectives are appropriate and were achieved;</li> <li>- the experiments have been rigorously conducted;</li> <li>- the results are well emphasized and support the addressed issues;</li> <li>- the conclusions are of the great interest and they have been appropriately outlined based on the obtained results;</li> <li>- the references are appropriate to the research topic and correctly cited in the manuscript.</li> </ul> <p>The results of this study reveal that FP was better than RF treatment for enzyme and microbial inactivation but the last technique was superior for retaining the physico-chemical attributes of MCW.</p> <p>Although till now thermal treatment is most commonly used for enzyme inactivation in coconut water treatment, the reported results proved that the RF treatment positively affected the nutritive value of MCW in lesser time but with very less difference in enzyme and microbial inactivation than the FP treatment.</p> <p>This work is of high quality being written in a standard English and presented in an intelligible and understandable fashion. However, I recommend a carefully check of the full manuscript to correct any grammatical or syntax errors.</p> <p>I recommend the publication of this manuscript in <a href="#">Biotechnology Journal International</a>.</p>	Thanks for your valuable comments and for your recommendation.

**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?	(If yes, Kindly please write down the ethical issues here in details)	NO, there is no ethical issues.