

BPI Review Form 070520

Book Name:	<u>Current Innovations in Chemical and Materials Sciences</u>
Manuscript Number:	Ms_BP_3061G
Title of the Manuscript:	THE ELECTROPHYSICAL PROPERTIES OF THE SURFACE OF RADIATION – THERMAL OXIDIZED BERYLLIUM IN WATER MEDIUM
Type of the Article	Book Chapter

PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(If agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. Authors must write his/her feedback here)</i>
Is the manuscript important for the scientific community? Please write a few sentences explaining your answer	This study on beryllium's electrophysical properties post radiation-thermal treatment reveals the formation of oxide structures and defects, with a continuous oxide layer significantly increasing surface resistivity. The comparative analysis highlights the stimulating role of radiation, particularly at lower temperatures, providing crucial insights for material science and engineering applications.	
Is the title of the article suitable? Do you have any alternative Title in your mind?	Yes, this title is suitable for the present article.	
Is the abstract of the article comprehensive? If your answer is No, please provide suggestions	Yes, this abstract is suitable for the present article.	
Do you think the English quality of the article is suitable for scholarly communications? If your answer is No, please provide suggestions	Yes, the English quality is suitable for scholarly communications. Although there are some 'typo errors' in the article, such as inconsistency in using 'Figure' or 'Fig.' and unnecessary full stops (.) in some sentences, authors are suggested to improve these minor typo mistakes in the article.	
Please provide your comments regarding the appropriateness of different sections of the manuscript.	<ul style="list-style-type: none"> - It is suggested to change the “DISCUSSION” section to “RESULTS AND DISCUSSION” - In discussion section, include figure number in the sentence “As can be seen from the figure, the current-voltage dependence of J-U of”. - It is suggested to remove unnecessary fullstop after Figure 1 and provide space while writing curve1 in the sentence “As an example, in Figure 1.are shown the current - voltage curves before (curve1)”. Similarly, provide space between number and unit (V) while writing “5·10⁻⁵V and U = 10·3⁻⁵V”. It should be 5·10⁻⁵V and U = 10·3⁻⁵V. Please check spacing throughout the article. 	
Do you think that the references in the manuscript are proper, recent and sufficient? If you have any suggestions, please write here.	Yes	

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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