

**BPI Review Form 070520**

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

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (If agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. Authors must write his/her feedback here)
Is the manuscript important for the scientific community? Please write a few sentences explaining your answer	The manuscript appears to be important for the scientific community, particularly for researchers and professionals working in the fields of materials science, radiation physics, and nuclear engineering.	
Is the title of the article suitable? Do you have any alternative Title in your mind?	I suggested this title: <b>Electrophysical Properties of Radiation-Thermally Treated Beryllium Surfaces in Aqueous Environments</b>	
Is the abstract of the article comprehensive? If your answer is No, please provide suggestions	The abstract provides a concise overview of the study on the electrophysical properties of metallic beryllium's surface before and after radiation-thermal treatment in a water medium, influenced by gamma radiation <b>For more clarify of the research aim, the abstract could provide more details on the experimental setup and methodology used. This could include information on sample preparation, measurement techniques, and specific conditions of the radiation-thermal treatment.</b>	
Do you think the English quality of the article is suitable for scholarly communications? If your answer is No, please provide suggestions	The English quality of the article is generally suitable for scholarly communications, as it effectively conveys scientific information and findings.	
Please provide your comments regarding the appropriateness of different sections of the manuscript.	Overall, the manuscript appears to be well-written and structured, covering the objectives of the study and providing a detailed analysis of the experimental results. The sections effectively build upon each other, leading to a clear understanding of the research findings.	
Do you think that the references in the manuscript are proper, recent and sufficient? If you have any suggestions, please write here.	The references cited in the manuscript are relevant to the study's topic, which focuses on the electrophysical properties of beryllium surfaces under radiation-thermal treatment in a water medium and they are directly related to the research objectives. While the tow first references are older (references from 1980s and 1967s), which are cited in the context of providing background information or foundational knowledge in the field.	

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**PART 2:**

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

**Reviewer Details:**

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