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BPI Review Form 070520

Book Name:	**Current Innovations in Chemical and Materials Sciences**
Manuscript Number:	**Ms_BP_6884C**
Title of the Manuscript:	**Numerical simulation of thermal energy transfer between the rarified gas and solid surface**
Type of the Article	**Book Chapter**

PART 1: Review Comments

	Reviewer's comment	**Author's comment***(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	Yes. Materials sciences and applications will find this of interest	
Is the title of the article suitable? Do you have any alternative Title in your mind?	Ok	
Is the abstract of the article comprehensive? If your answer is No, please provide suggestions	Fairly. It is important to clearly state the application areas and a summary of the existing problem at the beginning of the abstract. The Abstract section must also include a summary of the results obtained and their implications for the work's objectives.	
Do you think the English quality of the article is suitable for scholarly communications? If your answer is No, please provide suggestions	Avoid using pronouns like "we", "they", "our", and "I" in scientific research. The work needs further English proofreading before publication.	
Please provide your comments regarding the appropriateness of different sections of the manuscript.	1. What factors influenced the choice of 500, 1,000, and 1,500 K helium speeds. 2. What happens when this temperature value is below or above this value? 3. The data acquisition should be explained by referencing existing literature in order to unravel the confidence of the model and assumptions. Perhaps plots of the experimental data or existing literature data, along with some of the modelling results, would be sufficient.	
Do you think that the references in the manuscript are proper, recentand sufficient? If you have any suggestions, please write here.	Yes, but it may need to be updated once the above comments are addressed.	

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)*	

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Reviewer Details:

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