

Review Form 3

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_122159
Title of the Manuscript:	Research Development and Future Aspects of Quantum dot and Perovskite Sensitized Solar Cells
Type of the Article	Minireview Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript makes a well significant contribution to the scientific literature by providing an in-depth and comprehensive review of the latest solar cell technologies and their future potential. Furthermore, it offers valuable insights for researchers especially the policymakers and practitioners in the field of renewable energy.	
Is the title of the article suitable? (If not please suggest an alternative title)	Generally, the content of this manuscript is quite good. However, the title could benefit from incorporating information about the innovations discussed in this manuscript. Here are a few title examples that could serve as reference 1. Advancements and future directions in quantum dot and perovskite-sensitized solar cells. 2. Exploring quantum dot and perovskite sensitized solar cells: recent developments and future challenges	
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.	Please author to provide a detailed explanation of the methods used and the main findings. Additionally, include information about the significance and contributions of this minireview manuscript. Lastly, for improvements in language structure, the author may consider using professional services to enhance the quality of the English grammar.	
Are subsections and structure of the manuscript appropriate?	Yes, it does.	
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 minimum of 3-4 sentences may be required for this part.	This manuscript demonstrates strong scientific and technical rigor through a comprehensive analysis. This analysis includes the drawbacks and advantages of silicon-based solar cells compared to DSSC< QDSSC and PSSC. Additionally, it also provides historical context, current developments, as well as the working mechanisms and limitations of these technologies in this minireview manuscript.	
Are the references sufficient and recent? If you have suggestions for additional references, please mention them in the review form.	Yes, it does.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes, it just needs to correct the English grammar.	
Optional/General comments	The author can find the detailed results of the revisions in the provided file	

PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with the 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 detail)</i>	

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