



**SDI Review Form 1.6**

Journal Name:	<b><u>Physical Science International Journal</u></b>
Manuscript Number:	<b>Ms_PSIJ_32757</b>
Title of the Manuscript:	<b>THE ROLE OF NANOTECHNOLOGY ON PHOTOVOLTAIC CELLS</b>
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>)



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**PART 1: Review Comments**

	<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><u>Compulsory</u></b> REVISION comments	<p>This paper presented a review on the basic principles of silicon-based PV cells, the function of Quantum dots Nanocrystals to improve efficiency and finally the advantages of Quantum dots. This is a relevant study to understand the role of nanotechnology on photovoltaic cells.</p> <p>I would like recommend to the author the following suggestions:</p> <ul style="list-style-type: none"> <li>- Please, confirm the statement "The Sun release the power output of <math>3.86 \times 10^{20}</math> megawatts per second (MW/s)" in the line 21 and 22.</li> <li>- It is important, complement the end of the line 24 with ", known as "solar constant"".</li> <li>- The figure 1 must be cited in the text.</li> </ul>	The reviewer's suggestions have been noted and the necessary corrections effected.
<b><u>Minor</u></b> REVISION comments		
<b><u>Optional/General</u></b> comments		