



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_38745
Title of the Manuscript:	Opt electrical effects of Ag nanoparticles ink on Cerium Titanium ternary Films
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

	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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	<p>Title: Opt electrical effects of Ag nanoparticles ink on Cerium Titanium ternary Films</p> <p>Reviewer's comment:</p> <p>This paper focused on Ag nanoparticles ink on Cerium Titanium ternary films in solar cell application, which is very interesting and novel. This paper can give the experimental results. It is recommended to revise in present version. However, some parts need to revise, which are listed below as follows:</p> <p>[1] The grammar of English should be written more carefully in the manuscript; English must be checked and improved by Native English speaker.</p> <p>[2] To achieve the accurate composition of CeTiO₂ thin films, the authors should do EDX or other compositional analysis.</p> <p>[3] In XRD result, "This was also attributed to the slight change of the d-spacing lattice parallel to the surface of substrate. It was concluded that silver nanoparticles as a dopant lead to an increase in the average dimensions crystals." These explanations should have cited some references.</p> <p>[4] The resolution of Fig. 1 is not clear. Please improve it.</p> <p>[5] Why does the "I-V curve" show this trend. Please explain in details.</p>	NOTED
<u>Optional/General</u> comments		