



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	2014_PSIJ_13963
Title of the Manuscript:	THERMOELECTRIC PROPERTIES OF LEAD TELLURIDE FILLED IN SILICONE
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:

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PART 1: Review Comments

	Reviewer's comment	Author's comment <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>
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	<p>This manuscript presents new finding of Lead telluride filled with Silicon matrix thermoelectric properties. I recommend it for publication after considering the following comments:</p> <ol style="list-style-type: none"> 1. The Abstract and Conclusion part have to be refined. For example first sentence of abstract should be deleted and in conclusion part giving reference is incorrect. 2. The quality of Figures must be improved. 3. The authors encouraged to give some explanation about structural changes of lead telluride wil silicon matrix. 4. The name of doped is different with the research done in this manuscript. Then, it can be removed from text. 	<p>Major revision has been performed to address this reviewer's concerns.</p> <ol style="list-style-type: none"> 1. We modified both the Abstract and the Conclusion sections. 2. We re-polished the figures and the plots. 3. The structure of PbTe should not change much because the electrospinning processing is at low temperature conditions. But -Si-O- aligned better. 4. We agree with the reviewer. The word "dopping" is not accurate and has been removed in the revised version.
<u>Optional/General</u> comments		