



SDI Review Form 1.6

PART1:

Journal Name:	<u>PhysicalReview&ResearchInternational</u>
Manuscript Number:	MS: 2012_PRR1_2998
Title of the Manuscript:	The effect of hydrostatic pressure on the electronic properties of TlBr and TlCl radiation detectors

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>) _

This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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PART2: 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	Revise the bibliographical support	The bibliographical support was revised and written according to the template of the Journal.
<u>Optional/General</u> comments	<p>The authors succeed to investigate the structural and electronic properties of TlBr and TlCl binary semiconductor compounds under the effect of hydrostatic pressure, using the <i>ab initio</i> full potential linearized augmented plane wave (FP-LAPW) method within density functional theory (DFT). The topic of the paper is interesting, the study seems to be carefully carried out and the report is acceptable.</p> <p>The results for various physical quantities are discussed in comparison with available experimental results with a good agreement. In my opinion, this paper should be accepted for publication in the "Physical Review & Research International".</p>	No corrections, thank you.