



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	2014_PSIJ_12924
Title of the Manuscript:	EFFECT OF TEMPERATURE ON THE IRON SULPHUR RATIO OF PYRITE DEPOSITED BY AEROSOL ASSISTED CHEMICAL VAPOUR DEPOSITION METHOD
Type of the Article	Original Research 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.

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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	The article is weak because presents few characterization techniques. It is necessary to present characterization complementary such as scanning electronic to evidence the thick and morphology of the films. If cubic iron pyrite is a photovoltaic material, is necessary at least to measure the indirect band gap of the materials presented in this work.	The Characterization techniques used includes, SEM, UV-VIS Spec, XRD, EDX. We have to state here that the EDX is coupled to the SEM used and such we do not agree with the phrase "the article is weak" based on the characterization techniques used. Herein we are reporting the effect of temperature on the iron:sulphur ratio, we have also reported the optical properties of Pyrite deposited using the same precursor and the indirect band gap was reported as 0.98eV. The standard cubic pyrite (ICDD No. 01-073-8127) was used as the reference as shown on line 101, and the peaks of our films correspond to the peaks of the standard cubic pyrite. We have also included some images from the SEM.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		