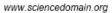
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Journal Name:	Physical Science International Journal
Manuscript Number:	2014_PSIJ_13453
Title of the Manuscript:	Nano-structural characterizations: Elongation of graphene layers within solid hydrocarbons
Type of the Article	Original research Article

General guideline for Peer Review process:

This journal's peer review policy states that \underline{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

<u>Compulsory</u> REVISION 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)
Minor REVISION comments	I recommend the publication of the manuscript The manuscript: Nano-structural characterizations: Elongation of graphene layers within solid hydrocarbons in the Physical Science International Journal after a minor revision. I made some suggestions to the Authors to improve the text. I noticed some mistakes like: 1 - In the abstract: The phrase: "mid-IR band around the 2924 cm ⁻¹ .", will be better as: "mid-IR band at around 2924 cm ⁻¹ ." 2 - In Pag.3: The authors said in the Experimental section: "In the experimental setup as illustrated in Figure 1 of", but there is any Fig. 1 related to this. I will suggest to change it for: "In the experimental setup, chambers were used to produce HAC materials, according to Jäger et al. (2008)". 3 - "Results and Discussions", will be better as "Results and Discussion". 4 - In this topic: The phrase: "and Tauc Eg, of produced", will be better as: "and Tauc gap energy, Eg, of produced". 5 - It will be better to amplify Figure 1, as well as Figure 5. It is difficult to see particularities of these images. 6 - The phrase "Figure 4: Tauc gap energy of some samples versus the laser power.", will be better as: "Figure 4: Tauc gap energy, Eg (eV), of some samples versus the laser power.", will be better as: "Figure 4: Tauc gap energy."	

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	7 - The phrase: "Figure 7: Tauc gap energy as function of temperatures of S1 and S9 before and after heat treatments.", Will be better as: "Figure 7: Tauc gap energy, Eg (eV), as a function of temperatures of S1 and S9 samples before and after heat treatments." 8 - In the Conclusions, the phrase: "On the other hand, these characteristics are reduced with heat treatments except the average length of the graphene layers, which increases with heating.", could be better as: "The characteristics are reduced as the heat treatments increase. The average length of the grapheme layer, however, increases."	
Optional/General comments	The manuscript Nano-structural characterizations: Elongation of graphene layers within solid hydrocarbons describes the Nano-structural characterization of solid hydrocarbons during their formation by the laser ablation technique before and after and the heat treatments. The research was developed in a methodological way and the results were well discussed in a scientific approach.	

Reviewer Details:

Name:	Anonymous
Department, University & Country	Brazil

Created by: EA Checked by: ME Approved by: CEO Version: 1.6 (07-06-2013)