



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_27627
Title of the Manuscript:	MODELING ELECTROCATALYTIC ACTIVITY OF NITROGEN RADICALS
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	<p>(1) All figures should be plotted like Figure 4. Figures 1,2,3,5,6 are scanned pictures, which should be replotted.</p> <p>(2) The author should clarify the relationship of the nitrogen radical of N8-,N4- and N2- with carbon matrix, and provide the structure of CN.</p>	<p>All figures have been re constructed using Chem 3D Pro software .</p> <p>The experiments of ref. 8 do not provide Information on the nature of the bonding of the nitrogen radicals to the carbon nanotube paper. Any attempts to calculate this by DFT would be speculative.</p>
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		