

## Review Form 1.7

Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_109265
Title of the Manuscript:	Structure of the Atom
Type of the Article	Original Research Article

### 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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1) Yes, the manuscript is important to the scientific community as it addresses the missing gaps in the explanations of the current atomic theory models (Bohr's model and Schrodinger's model). It lends support to the new <i>surface charge electron shell model</i> which has been fronted by Garai and others</p> <p>2) The author needs to modify the title to capture the heartbeat of the work. e.g. Atomic Structure: Validation of the Electron Phase Transformation Theory</p> <p>3) The abstract is OK</p> <p>4) The subsections and the structure of the manuscript are OK</p> <p>5) Yes, it is scientifically correct</p> <p>6) This is a relatively new field with few recent publications, what the author has cited is good enough</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language is acceptable for scholarly communication, however a little editing needs to be done. For example Page 2, line 5 ..... Bohr postulation, the laws of electromagnetism is not valid at atomic scale has no merit.</p> <p>While mentioning Bohr's postulations, some are numbered with lower roman case e.g. (i), (ii), (iii), while others are numbered with upper roman case e.g. V. There's need for consistency</p>	
<p><b>Optional/General</b> comments</p>		

### PART 2:

	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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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**Reviewer Details:**

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Department, University & Country	<b>University of Nairobi, Kenya</b>