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Journal Name:	<a href="#">Asian Journal of Research in Biochemistry</a>
Manuscript Number:	Ms_AJRB_50835
Title of the Manuscript:	Theoretical Investigation into the Change in the Number of Water Molecules in Solvent Inaccessible Region of an Enzyme and Enzyme-Substrate Complex
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. 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**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Compulsory</b> REVISION comments	<p>This work entitled "Theoretical Investigation into the Change in the Number of Water Molecules in Solvent Inaccessible Region of an Enzyme and Enzyme-Substrate Complex", it seems to try to report an interesting theoretical study.</p> <p>However, the text is not followed well due to that authors prepared a premature manuscript. Therefore, and before the manuscript will be considered for publication by the reviewers, it should be revised thoroughly by authors.</p> <p>Authors should at first re-write all mathematical expression using the build-in equation editors (in Ms-Word or in Power point), and correct accordingly. I am referred to the lines: 75-76 / 89 / 103 / 114 / 116-117 / 123-124 / 170 / 180 / 186-187 / 220-221 / 423 / 499-500 / 507-508 / 584 / 593 / 600-601 / 629-630 / 632-633.</p> <p>There are more problematical cases, where authors should take into account that written relations do not appear, and they are invisible. Additionally, I repeat that authors should use the build-in equation editors and by a copy-paste procedure they should transfer equations in the main text. I am referred to the lines: 107 / 119 / 125-126 / 223-224 / 234 / 253-254 / 256 / 368-369 / 380 / 514 / 585-586 / 604 / 634</p> <p>More corrections are necessary as regulation of the position (raised/lowered ) of some mathematical types/expressions etc. I am referred to the lines: 77-78 / 103 / 109 / 114 / 116 / 119 / 128 / 137-138 / 236 / 412-413 / 416-417 / 423 / 604</p> <p>There are also relations which can be better written by using plain text; moreover relations which should be more clearly defined/written. I am referred to the lines: 112-113 / 220-221 / 512 / 584</p> <p>Authors, should re-write all Tables using a world-wide accepted way and take care for equal decimal digits / to not spread tables' content / take care of the footnotes of Tables.</p> <p>... Some more: The use of Microsoft Excel packed for statistical analysis sounds to me like a jok! Authors should perform statistical analyses via the use of specific statistical software, which can be used for free through internet.</p> <p>OVERALL: I recommend the rejection of this manuscript in its current version. Authors should be encouraged to proceed I a major revision of their manuscript and re-send it for publication.</p>	



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<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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