

### **SDI Review Form 1.6**

	Journal Name:	Asian Journal of Research in Biochemistry
	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 Enzym
	Type of the Article	Original Research Article

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This journal's peer review policy states that <u>NO</u> manuscript should be rejected only on the basis of '<u>lack of Novelty'</u>, 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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### me and Enzyme-Substrate Complex



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## PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, and highlight that part in the manuscript. It is should write his/her feedback here)
Compulsory REVISION comments	<ul> <li>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. 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.</li> <li>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.</li> <li>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</li> <li>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</li> <li>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</li> <li>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.</li> <li> Some more: The use of Microsoft Excel packed for statistical analysis sounds to me like a jok! Authors should perform statistical analy</li></ul>	

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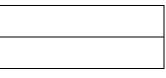
Minor REVISION comments	
Optional/General comments	

## PART 2:

		Author's comment (if agre highlight that part in the mai his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

### **Reviewer Details:**

Name:	Emmanuel M. Papamichael
Department, University & Country	University of Ioannina, Greece



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