



SDI Review Form 1.6

Journal Name:	South Asian Research Journal of Natural Products
Manuscript Number:	Ms_SARJNP_41130
Title of the Manuscript:	Phytochemicals from Alangium salvifolium (Alangiaceae): Structures, Molecular Docking and Antioxidant Activity
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)
Compulsory REVISION comments	<p>The manuscript presents interesting results on theoretical analysis, however the manuscript is not so clear. There so many mistakes that the authors must correct. I recommend the publication after a carefull review, as follows below:</p> <p>In the introduction section, check if “diabetic Wister rats” is really corrected, because it should be replaced for “diabetic Wistar rats”.</p> <p>In the introduction section replace “IC50” and “EC50” for: “IC₅₀” “EC₅₀”</p> <p>In the introduction section replace “secondry metabolities” for “secondary metabolities”.</p> <p>In the end of introduction section, upon the description of antioxidant activity, as well as the IC₅₀ and EC₅₀ values, the authors must insert the corresponding reference.</p> <p>In the introduction section I suggest that before use the abbreviations, such as DPPH, FRAP, TAC, SOD, CAT... the authors should write the full name. It is a recommendation.</p> <p>In the Methods section, please check if this part is totally correct “[...] The atoms that make uthe Ligand like , and the Binding Site on the protein where the inhibitors bind thaStructure were drawn in Discovery studio 2.1 version”. Additionally, this phrase is confused, please rewrite it.</p> <p>Please, replace “anti-oxidant” for “antioxidant”</p> <p>Please, replace “three-dimensiona” for “three-dimensional”</p> <p>Please replace “were assess” for “were assessed”</p> <p>Please, check the “Table no.A”. There is not Composition value, as well as there is not the name of chemical in Alangium 2.</p> <p>Please, check the 2D representation of the molecules, as well as the 3D representation. The figures are not clear. Additionally, to the second compound, the authors must check the angles of the structure. I suggest that in the 3D representation only use the stick representation.</p> <p>In the second Table, there is not the Protein Code.</p> <p>Figure 1 is not clear to visualize the proposed structures. Please, change it.</p> <p>In the legend of Figure 2, insert the description of the colors. Additionally, represent each ligand structure with the corresponding standard color for oxygen, carbon, hydrogen....</p> <p>In the Table 2, there are so many numbers, I recommend that the authors use 5 significant digits</p> <p>All the Figures are not clean to visualization. Please, change it.</p> <p>I understood that the main contribution of this manuscript is via theoretical analysis of some secondary metabolites of <i>Alangium salvifolium</i> towards some essential oxidant enzymes.</p>	



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	However, in the Discussion section, the authors did not explain the theoretical results (molecular docking, quantum chemical calculations). Please, change it! there are so many results that the authors must explain and explore.	
Minor REVISION comments		
Optional/General comments		

Reviewer Details:

Name:	Otávio Augusto Chaves
Department, University & Country	Rural Federal University of Rio de Janeiro, Brazil