



SDI Review Form 1.6

Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_41304
Title of the Manuscript:	CORROSION INHIBITION AND ADSORPTION CHARACTERISTICS OF MYRIANTHUS arboreus LEAVES EXTRACT ON COPPER IN SULPHURIC ACID SOLUTION.
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>I would suggest a new title like "Sorption of <i>Myrianthus arboreus</i> extract (leaves) components onto copper and its properties as corrosion inhibitor under sulphuric media".</p> <p>All scientific nomenclature must be revised.</p> <p>Authors must work on a deep and careful English review, avoiding long sentences. It is equally recommended to use the names instead of [ref] at the beginning of sentences.</p> <p>I would suggest a Table summarizing efficiencies observed from [7] to [19], showing, when possible, the main responsible for the effect.</p> <p>Considering the complexity of the extract, how could authors calculate the molar concentrations? Were the extracts standardized? I would suggest to express only in terms of mg L⁻¹.</p> <p>It is quite interesting the increasing of IE% when increasing temperature, especially considering that adsorption is essentially an exothermic event, authors must discuss this in deep.</p> <p>To complement the introductory part, I would suggest:</p> <p>http://rvq.sbg.org.br/imagebank/pdf/v5n4a01.pdf</p> <p>http://rvq.sbg.org.br/imagebank/pdf/v7n5a01.pdf</p> <p>I would suggest a deep and careful study of the paper:</p> <p>http://dx.doi.org/10.1016/j.watres.2017.04.014</p>	
Minor REVISION comments	<p>[1] in line 17 can be suppressed.</p> <p>Units could be corrected, for example, M should be replaced by mol L⁻¹, according to IUPAC.</p> <p>The figures do deserve an improvement, as well as a deeper description regarding phytochemical analysis would sound great.</p>	

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