



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2014_IRJPAC_11267
Title of the Manuscript:	ISOLATION AND CHARACTERIZATION OF THE CHEMICAL CONSTITUENTS OF THE STEM BARK OF PARINARI POLYANDRA BENTH.
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>)



SDI Review Form 1.6

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	The entire document needs revision for typographical errors. See attachment for details. Some abbreviations are used for the first time without their full meanings!!!!!!	They have all been effected in the manuscript
Minor REVISION comments	- The authors need to explain the rational for analysing the constituents of the young and old stems in the justification of the work (introduction section). - Why was the isolation on the young stem bark by prep TLC and that of the old bark by column chromatography? Scientific error - Never start eluting a polar stationary phase (you used alumina) with ethanol except when it is a reverse phase column or on Sephadex LH-20 chromatography. - Never put a crude extract on prep TLC as you did with the young stem bark. RESULTS OF THESE ERRORS - That is why you got fatty acid mixtures and not pure good compounds and for that matter you resorted to GC-MS - Eluting a polar column with ethanol will not give you good separation. - CONSULT A GOOD PHYTOCHEMIST IN	Noted.



SDI Review Form 1.6

	YOUR DESIGN OF SUBSEQUENT RESEARCH.	
<u>Optional/General</u> comments		