



SDI Review Form 1.6

Journal Name:	American Chemical Science Journal
Manuscript Number:	2015_ACSj_16679
Title of the Manuscript:	Electrochemical and Adsorption behaviour of Diospyros mespiliformis on annealed carbon steel corrosion in hydrochloric acid
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:

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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)
<u>Compulsory</u> REVISION comments	Figure 1: I do not see any spontaneous passivation as the authors indicated. Where is active-passive-transpassive. In case of such observation, it should be indicated in the figure. The authors should check the passive current density . How the Rp values are measured? How many experiments were carried out and what is the redundancy? Line 90: Rp values decreased with addition of inhibitors molecules..... check the values shown in Table-2 How the impedance values are measured? The authors should indicated how the equivalent circuit was arrived? Which software was used for the impedance analysis?	The use of the word transpassive have been deleted and the sentence is recast. Check lines 141-143 The Rp values were obtained from the current-potential plot gotten from the polarization experiments. The Rp values increased with the addition of test inhibitor. Correction has been effected. Randles circuit sufficiently explains EIS data for liquid and steam-treated samples (see ref. 8 or 30). Line 211 Values from Nyquist and Bode plots were acquired using ZSimpWin Version 3.20
<u>Minor</u> REVISION comments	Experimental section 2.1: mentioned as solution was prepared using doubly distilled water whereas in 2.2 it is mentioned as bi distilled water. What is the difference?	The author(s) meant the same thing with doubly distilled water and bidistilled water. Section 2.1 has been corrected .
<u>Optional/General</u> comments	English language is poor throughout the manuscript.	The English have improved