



SDI Review Form 1.6

Journal Name:	American Chemical Science Journal
Manuscript Number:	2014_ACSj_14514
Title of the Manuscript:	Kinetic and Batch Equilibrium Adsorption of Nickel (II) and Copper (II) ions from aqueous solution onto activated carbon prepared from <i>Balanites aegyptiaca</i> shells
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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	-Conclusion needs to describe the significance of research findings and how useful it is for design of pilot scale or field scale reactors. -The authors did not provide a comparison of their results to the removal of the same compounds by other organic sorbents. It would be interesting to compare the adsorbents with other adsorbent materials from literature in order to improve the paper discussion. -There are no experimental conditions under the some graphs.Please add this information under all the graphs.	- in addition in the conclusion, Balanites aegyptiaca can be used in manufacturing of activated carbon which is used in the process of water treatment, oil bleaching and filtration of food products. - The study showed maximum adsorbed quantities of 540 mg/g for the Ni²⁺ ions and of 491 mg/g for the Cu²⁺ ions which are comparable with the values of for the commercial activated carbon reported in earlier studies. - As is indicated in the manuscript (yellow colour), the experimental conditions have been completed under the different graphs.
<u>Optional/General</u> comments		