



SDI Review Form 1.6

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_43693
Title of the Manuscript:	Environmental Data Analysis: Heavy Metals from Drinking Water to Human Body
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>)

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	Include the aspect of gender and age in the discussion/results	<p>Smoking habit, age and gender were not put into consideration to identify interactions among toxic metals in the subjects studied.</p> <p>The main aim of this research work was to use statistical analysis to analyze and interpret the large data set of chemometrics by statistical approaches through the following defined objectives:</p> <ol style="list-style-type: none"> 1. To determine the concentrations of Arsenic, Copper and Iron in drinking water, fingernail, hair and toenail from subjects in San Cristobal and Huanqueros and compare the results with the previous work. 2. To perform Principal Component Analysis to reduce the dimensionality of the data. 3. To apply the Pearson's correlation test to determine the correlation between the drinking water, fingernail, hair and toenail heavy metals concentrations. 4. To determine if there exists any significance difference between the drinking water, fingernail, hair and toenail elements concentrations. 5. To make comparison of the metals concentrations of the variables. <p>Hence, there is no need to include the aspect of gender and age in the discussion/results.</p>
Minor REVISION comments	See tracked changes in the manuscript	All corrections indicated in the manuscript have been corrected and the title of the manuscript changed to match the abstract and the contents of the write-up.



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		The abstract has also been reviewed and updated as well.
<u>Optional/General</u> comments		

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	