

Review Form 1.7

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_95448
Title of the Manuscript:	Ceramic Water Filters Impregnated with Silver Nanoparticles for the Removal of Lead and Chromium Ions from Water
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:

(<https://journaljmsrr.com/index.php/JMSRR/editorial-policy>)

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PART 1: Review Comments

	<u>Reviewer's comment</u>	<u>Author's comment</u> (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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The article Ms_JMSRR_95448. Ceramic Water Filters Impregnated with Silver Nanoparticles for the Removal of Lead and Chromium Ions from Water. The author examined the ability of ceramic water filters impregnated with silver nanoparticles to remove Lead and Chromium ions from water.</p> <p>Ceramic water filters were fabricated using locally sourced materials to filter water samples spiked with known concentrations of Lead and Chromium ions.</p> <p>There are some minor revisions that should be completed by the authors before the final publication in the prestigious Journal of Materials Science Research and Reviews.</p> <p><u>Comments for Authors</u></p> <ul style="list-style-type: none"> ➤ Abstract; Please don't mention respectively. ➤ Write keywords in alphabetical order. ➤ Highlights some key points. ➤ Please mention the Graphical abstract. ➤ For °C, Tables, and Figures use the same format throughout the manuscript. ➤ Introduction, revise it and could be elaborated in terms of what other mechanism has been used in previous or other related studies? ➤ Add the impact of current work on industry and future research. ➤ The authors need to improve the problem statement in the introduction section. ➤ References are not according to the prestigious journal format. Use EndNote or Mendeley software? ➤ Figures 1 and 3: mentioned error bars. ➤ Mentioned clear dimension of Figure 2: SEM. ➤ Authors need to increase the literature and problem statement from the current recent papers such as. <ul style="list-style-type: none"> ❖ https://doi.org/10.1002/app.51191 ❖ https://doi.org/10.3390/polym14153206 ❖ https://doi.org/10.1002/app.52624 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 		
<p>Optional/General comments</p>		

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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>	

Reviewer Details:

Name:	Tariq Aziz
Department, University & Country	School of Engineering, Westlake University, China