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| Journal Name: | [**Journal of Basic and Applied Research international**](https://www.ikprress.org/index.php/JOBARI) |
| Manuscript Number: | **Ms\_JOBARI\_13407** |
| Title of the Manuscript: | **Assessment Of Trace Metal Elements In Tilapia (Sarotherodon Melanotheron) In The Urban Nature Reserve Of The Grande Niaye Of Pikine And Surroundings (Dakar, Senegal)** |
| Type of the Article | **Original Research Article** |

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| **PART 1: Comments** | | |
|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **Not a latest work** |  |
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| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **no** |  |
| **Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.** | **satisfactory** |  |
| **Is the manuscript scientifically, correct? Please write here.** | yes |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Some added citations may be beneficial while preparing discussion, given below:   1. (2023). Fish ecogenotoxicology: a potential tool for monitoring genetic toxicity. NeuroQuantology. 21(5):1837-1853. <https://doi:10.48047/nq.2023.21.05.NQ222178>. 2. Comparative analysis based on 2-methanesulfonylpyridine (MSP) in blood plasma of fresh water fish under the exposure of toxicants. Octa Journal of Biosciences. 9(2):69-72. 3. (2021). Gill and muscles abrasion associated with exposure to malathion in fresh water fish. Flora and Fauna. 27(1): 144-148. 4. (2020). Toxicity analysis of a synthetic pyrethroid insecticide on protein content of fresh water catfish. Octa Journal of Biosciences. 8(2):124-128. 5. (2020). Study on hematological parameters of snow trout exposed to zinc pyrithione (ZnPT) at sub-lethal concentration. Octa Journal of Biosciences. 8(2):73-77. 6. (2020). Toxicity comparison based on ZnPT metabolite in blood plasma of *Catla catla* induced by two combinations of toxicants. Octa Journal of Environmental Sciences. 8(2):63-66. 7. (2015). Impact of high sodium fluoride concentration on length-weight relationship and condition factor in *Puntius ticto* of lake Nainital, India. *Journal of Global Biosciences.* 4(1). 8. (2012). Toxic effect of expired pesticides on *Catla catla* of the Gaula stream, India. *Journal Ribarstvo-Croatian Journal of fisheries*. 70(4): 187-196. 9. (2011). The Length-weight Relationship, Condition Factor and Impact of Fluoride Concentration in *Tor tor* (Mahasheer) of Lake Bhimtal, India. *Journal Ribarstvo-Croatian Journal of fisheries*. 69(2): 63- 69. | Some of the suggested citations have already been incorporated into the manuscript. Thank you for these valuable recommendations. |
| **Is the language/English quality of the article suitable for scholarly communications?** | Authors are advised to seek help from language expert for modification of the manuscript | Thank you. The modifications have been made accordingly |
| **Optional/General** comments | Title needs to be more concise and precise |  |
|  | Keywords are generalize, work specific keywords are expected | This has been revised accordingly |
|  | Only three toxins cadmium (Cd), mercury (Hg), and lead (Pb) have been analyzed in the present study, some other toxins or emerging toxins may have been added the investigation |  |
|  | Last para of introduction has several wage statements without citations or sources. | This has been revised accordingly |
|  | Material & methods  Acclimatization period and method of the sample is needed. | This has been included in the manuscript. |
|  | Discussion needs to be reframed with more justification and added citations. | This has been revised accordingly |
|  | Figure 2 the data given in the figure is not readable. | The figure has been improved |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* | No, there are no ethical issues. |