**lead uptake, flavonoids and proline relationship in Atriplex nummularia growing in galena mining area.**

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**To**

**SOUIZI Aziz,**

# ***Editor of “Mediterranean journal of chemistry****”*

Dear Editor **SOUIZI Aziz**,

I have the pleasure to submit to your consideration for publication in the journal “***Mediterranean journal of chemistry***” our paper entitled: **« lead uptake, flavonoids and proline relationship in Atriplex nummularia growing in galena mining area**». By: Anass Merzougui, Mohamed Lachgar, Abdellah El Anssari and Driss Mrani.

The study of heavy metals uptake by plants as a method of soil decontamination occurs as a proceeding to reduce heavy metal levels in soils, it involves the use of green plants for rehabilitation of contaminated soils.

The aim of this work is to try to get some answers to this by survey of the absorption of lead (Pb), flavonoid and proline content in a set of plant Atriplex nummularia at the entrance of a galena mine in activity in the southeastern region of Morocco (Tafilalet) during a year from January to December 2018, and compare with some plant growing far away from the mining area.

We believe that this work is appropriated for publication by your journal. We believe, also, that our findings would appeal to a broad audience, such as the readership of “***Mediterranean journal of chemistry***”.

We confirm that this work has not been published elsewhere and is not being considered for publication elsewhere. All authors have approved the manuscript and agree with submission to “***Mediterranean journal of chemistry***”.

Thank you for your consideration.

Sincerely yours

 Errachidia, 25/01/2022

 Anass MERZOUGUI