

Issue on 10.1016/j.mseb.2023.116492

Several concerns are raised regarding to the article [1]:

(1) Figures 4b, 4c, and 4d, which depict the same region of a single sample at different magnifications, were incorrectly represented as SEM images of distinct samples.

10.1016/j.mseb.2023.116492, duplicated parts

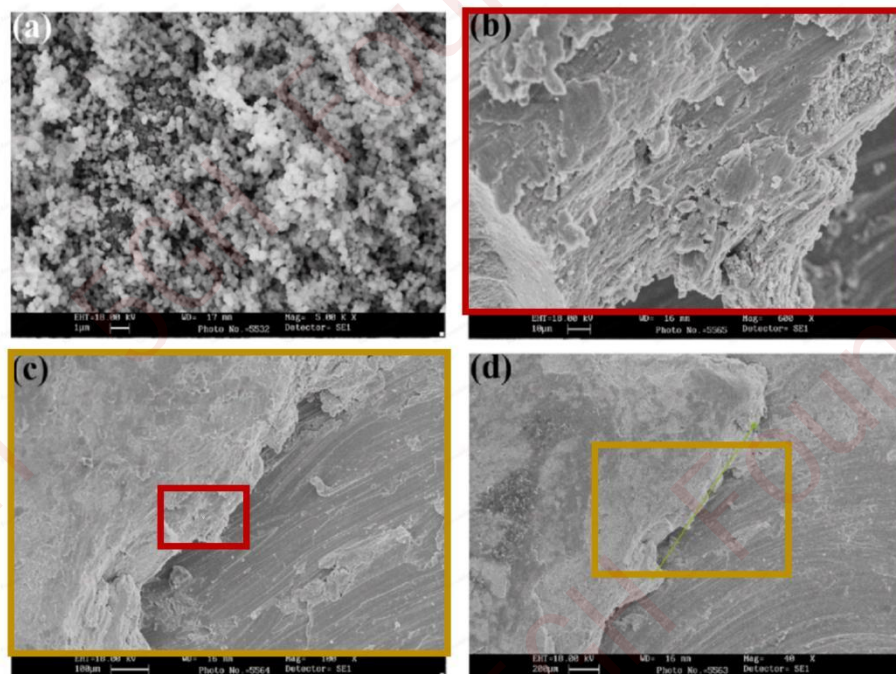


Fig. 4. SEM images of samples with different weight percentages of TCP-TiNP including 10 wt%, 20 wt%, and 30 wt% titanium oxide nanoparticles.

(2) Figure 3a and 3b are too similar to each other than expected, while they are described to be obtained from different samples.

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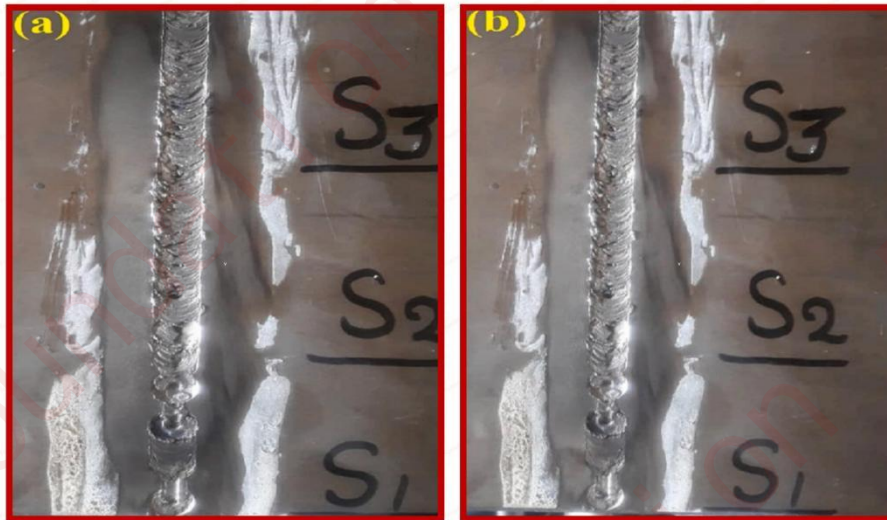


Fig. 3. The upper view of the samples after FSP with various content of TCP -TiNP.

(3) The email address associated with D.T. Semiruomi (Toghraee@iaukhsh.ac.ir) at Islamic Azad University appears to belong to Davood Toghraie, an author affiliated with both the University of Kufa and Islamic Azad University, who has multiple retractions (such as articles [2-3]) due to unauthorized authorship changes. It remains unclear whether D.T. Semiruomi and Davood Toghraie are the same individual, potentially adopting an altered name to evade detection.

[1] 10.1016/j.mseb.2023.116492

[2] 10.1016/j.aej.2022.06.025

[3] 10.1016/j.molliq.2021.118240

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