

## Retraction Note to: Effect of coupling asynchronous acoustoelectric effects on the corrosion behavior, microhardness and biocompatibility of biomedical titanium alloy strips

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### Retraction Note to: J Mater Sci: Mater Med (2015) 26:53 DOI 10.1007/s10856-014-5371-5

The article entitled “Effect of coupling asynchronous acoustoelectric effects on the corrosion behavior, microhardness and biocompatibility of biomedical titanium alloy strips”, published in *Journal of Materials Science: Materials in Medicine*, Volume 26: 53 (DOI 10.1007/s10856-014-5371-5), is hereby retracted at the request of the Editor-in-Chief and with the agreement of the authors.

Following a complaint about the republishing of unreferenced data in several journals including *Journal of Materials Science: Materials in Medicine*, the following issues were detected: there are textual similarities and duplication of images in the above-mentioned paper and in “The effect of electropulsing induced gradient topographic oxide coating of Ti-Al-V alloy strips on the fibroblast adhesion and growth”, authored by Xiaoxin Ye, Zion Tse,

Guoyi Tang and Guolin Song, and published in *Surface and Coatings Technology*, notably Figures 2 and 3(a) in the latter article appear as Figures 5 and 7 in the *Journal of Materials Science: Materials in Medicine* paper without reference to the original publication.

In addition, similarities in other figures (for example, Figures 8 and 9) have been noted with a number of other publications. For example:

Effect of electroplastic rolling on deformability, mechanical property and microstructure evolution of Ti-6Al-4V alloy strip, Xiaoxin Ye, Zion T.H. Tse, Guoyi Tanga, Guolin Song, *Materials Characterization*, Volume 98, December 2014, Pages 147–161.

Effect of electropulsing treatment and ultrasonic striking treatment on the mechanical properties and microstructure of biomedical ti-6Al-4V alloy, Xiaoxin Ye, Yongda Ye, Guoyi Tang, *Journal of the Mechanical Behavior of Biomedical Materials*, Volume 40, December 2014, Pages 287–296.

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The online version of the original article can be found under doi:[10.1007/s10856-014-5371-5](https://doi.org/10.1007/s10856-014-5371-5).

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