

## Accepted Manuscript

Surface properties and mechanism of corrosion resistance enhancement in a high temperature nitrogen ion implanted medical grade Ti

Mahdiah Shakoori Oskooie, Mohsen Sadeghpour Motlagh, Hossein Aghajani

PII: S0257-8972(16)30091-3  
DOI: doi: [10.1016/j.surfcoat.2016.02.032](https://doi.org/10.1016/j.surfcoat.2016.02.032)  
Reference: SCT 20939

To appear in: *Surface & Coatings Technology*

Received date: 10 October 2015  
Revised date: 26 January 2016  
Accepted date: 14 February 2016



Please cite this article as: Mahdiah Shakoori Oskooie, Mohsen Sadeghpour Motlagh, Hossein Aghajani, Surface properties and mechanism of corrosion resistance enhancement in a high temperature nitrogen ion implanted medical grade Ti, *Surface & Coatings Technology* (2016), doi: [10.1016/j.surfcoat.2016.02.032](https://doi.org/10.1016/j.surfcoat.2016.02.032)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Surface properties and mechanism of corrosion resistance  
enhancement in a high temperature nitrogen ion implanted  
medical grade Ti**

Mahdiah Shakoori Oskooie<sup>a</sup>, Mohsen Sadeghpour Motlagh<sup>a</sup> and Hossein Aghajani<sup>a,\*</sup>

- a. Department of Materials Engineering, Faculty of Mechanical Engineering, University of Tabriz, Tabriz 51666-16471, Iran.

**\*Corresponding author.**

Tel.: +98 41 33392469

Fax: +98 41 33354153

Email address: h\_aghajani@tabrizu.ac.ir

Download English Version:

<https://daneshyari.com/en/article/8025651>

Download Persian Version:

<https://daneshyari.com/article/8025651>

[Daneshyari.com](https://daneshyari.com)