

Accepted Manuscript

Full Length Article

Antibacterial and bioactive properties of stabilized silver on titanium with a nanostructured surface for dental applications

Sungwon Kim, Cheonil Park, Kwang-Hee Cheon, Hyun-Do Jung, Juha Song, Hyoun-Ee Kim, Tae-Sik Jang

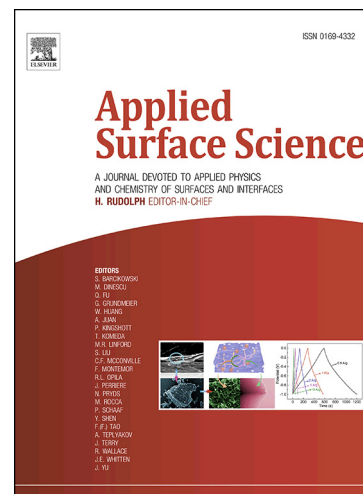
PII: S0169-4332(18)31267-4
DOI: <https://doi.org/10.1016/j.apsusc.2018.04.270>
Reference: APSUSC 39269

To appear in: *Applied Surface Science*

Received Date: 19 December 2017
Revised Date: 24 April 2018
Accepted Date: 30 April 2018

Please cite this article as: S. Kim, C. Park, K-H. Cheon, H-D. Jung, J. Song, H-E. Kim, T-S. Jang, Antibacterial and bioactive properties of stabilized silver on titanium with a nanostructured surface for dental applications, *Applied Surface Science* (2018), doi: <https://doi.org/10.1016/j.apsusc.2018.04.270>

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.



**Antibacterial and bioactive properties of stabilized silver
on titanium with a nanostructured surface
for dental applications**

**Sungwon Kim^a, Cheonil Park^a, Kwang-Hee Cheon^a, Hyun-Do Jung^b, Juha Song^c,
Hyoun-Ee Kim^a and Tae-Sik Jang^{c,*}**

^a *Department of Materials Science and Engineering, Seoul National University, Seoul, 151-742, Korea*

^b *Liquid Processing & Casting Technology R&D Group, Korea Institute of Industrial Technology,
Incheon 406-840, Korea*

^c *School of Chemical and Biomedical Engineering, Nanyang Technological University, 70 Nanyang
Drive, 63745-7, Singapore*

*Corresponding author

E-mail address: cgamja@snu.ac.kr (T.S. Jang).

Download English Version:

<https://daneshyari.com/en/article/7833480>

Download Persian Version:

<https://daneshyari.com/article/7833480>

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