

## Accepted Manuscript

Title: Extracellular bacterial inactivation proceeding without Cu-ion release: Drastic effects of the applied plasma energy on the performance of the Cu-polyester (PES) samples

Authors: S. Rtimi, S. Konstantinidis, N. Britun, M. Bensimon, I. Khmel, V. Nadtochenko



PII: S0926-3373(18)30745-8  
DOI: <https://doi.org/10.1016/j.apcatb.2018.08.024>  
Reference: APCATB 16924

To appear in: *Applied Catalysis B: Environmental*

Received date: 1-5-2018  
Revised date: 4-7-2018  
Accepted date: 8-8-2018

Please cite this article as: Rtimi S, Konstantinidis S, Britun N, Bensimon M, Khmel I, Nadtochenko V, Extracellular bacterial inactivation proceeding without Cu-ion release: Drastic effects of the applied plasma energy on the performance of the Cu-polyester (PES) samples, *Applied Catalysis B: Environmental* (2018), <https://doi.org/10.1016/j.apcatb.2018.08.024>

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.

Elsevier Editorial System(tm) for Applied  
Catalysis B: Environmental  
Manuscript Draft

Manuscript Number: APCATB-D-18-01761R1

Title: Extracellular bacterial inactivation proceeding without Cu-ion  
release: Drastic effects of the applied plasma energy on the performance  
of the Cu-polyester (PES) samples

Article Type: VSI: Nov-Mat-Photo-Cat

Keywords: Cu-surfaces, genetically modified bacteria, photocatalysis,  
redox catalysis, HIPIMS, DCMS

Corresponding Author: Dr. Sami Rtimi, Ph.D.

Corresponding Author's Institution: EPFL

First Author: Sami Rtimi, Ph.D.

Order of Authors: Sami Rtimi, Ph.D.; S. Konstantinidis ; N. Bretun; M.  
Bensimon; I. Khmel; V. Nadtochenko

Download English Version:

<https://daneshyari.com/en/article/6498017>

Download Persian Version:

<https://daneshyari.com/article/6498017>

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