

Accepted Manuscript

Tunable ZnO spheres with high anti-biofilm and antibacterial activity *via* a simple green hydrothermal route

Greta Patrinoiu, José Maria Calderón-Moreno, Carmen Mariana Chifiriuc, Crina Saviuc, Ruxandra Birjega, Oana Carp

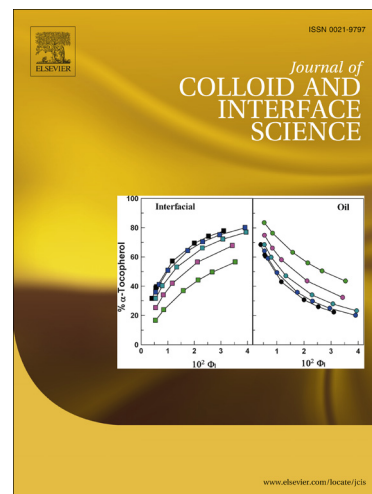
PII: S0021-9797(15)30229-0
DOI: <http://dx.doi.org/10.1016/j.jcis.2015.09.059>
Reference: YJCIS 20769

To appear in: *Journal of Colloid and Interface Science*

Received Date: 10 July 2015
Revised Date: 23 September 2015
Accepted Date: 23 September 2015

Please cite this article as: G. Patrinoiu, J.M. Calderón-Moreno, C.M. Chifiriuc, C. Saviuc, R. Birjega, O. Carp, Tunable ZnO spheres with high anti-biofilm and antibacterial activity *via* a simple green hydrothermal route, *Journal of Colloid and Interface Science* (2015), doi: <http://dx.doi.org/10.1016/j.jcis.2015.09.059>

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.



Tunable ZnO spheres with high anti-biofilm and antibacterial activity *via* a simple green hydrothermal route

Greta Patrinoiu^a, José Maria Calderón-Moreno^{a,*}, Carmen Mariana Chifiriuc^b, Crina Saviuc^b, Ruxandra Birjega^c, Oana Carp^{a,*}

^a"Ilie Murgulescu" Institute of Physical Chemistry, Romanian Academy, Spl. Independentei 202, 060021 Bucharest, Romania

^bDepartment of Microbiology, Faculty of Biology, University of Bucharest, Research Institute of University of Bucharest, Ale. Portocalilor 1-3, 60101 Bucharest, Romania

^cNational Institute for Lasers, Plasma and Radiation Physics, Atomistilor 409, PO-Box MG-36, 077125 Magurele, Romania

*Corresponding authors: Tel: +40 21367912; Fax: +40 213121147

E-mail: josecalderonmoreno@yahoo.com; *E-mail:* ocarp@icf.ro

Download English Version:

<https://daneshyari.com/en/article/6995402>

Download Persian Version:

<https://daneshyari.com/article/6995402>

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