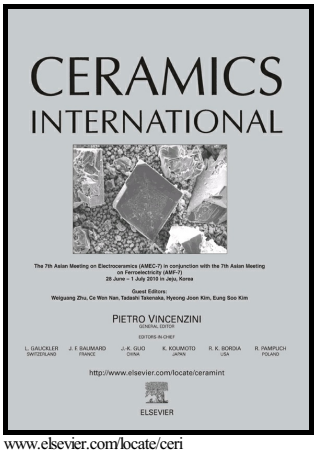

www.elsevier.com/locate/ceri

Absorption boost of TiO_2 nanotubes by doping with N and sensitization with CdS quantum dots

Andjelika Bjelajac, Veljko Djokić, Rada Petrović, Nenad Bundaleski, Gabriel Socol, Ion N. Mihailescu, Zlatko Rakočević, Djordje Janaćković

PII: S0272-8842(17)31725-X
DOI: http://dx.doi.org/10.1016/j.ceramint.2017.08.029
Reference: CERI15983

To appear in: *Ceramics International*

Received date: 13 July 2017
Revised date: 2 August 2017
Accepted date: 3 August 2017

Cite this article as: Andjelika Bjelajac, Veljko Djokić, Rada Petrović, Nenac Bundaleski, Gabriel Socol, Ion N. Mihailescu, Zlatko Rakočević and Djordj Janaćković, Absorption boost of TiO_2 nanotubes by doping with N an sensitization with CdS quantum dots, *Ceramics Internationa* http://dx.doi.org/10.1016/j.ceramint.2017.08.029

Absorption boost of TiO_2 nanotubes by doping with N and sensitization with CdS quantum dots

Andjelika Bjelajac[a,*], Veljko Djokić[b], Rada Petrović[b], Nenad Bundaleski[c], Gabriel Socol[d], Ion N. Mihailescu[d], Zlatko Rakočević[c], Djordje Janaćković[b]

[a]University of Belgrade, Innovation center of Faculty of Technology and Metallurgy, Karnegijeva 4, 11000 Belgrade, Serbia

[b]University of Belgrade, Faculty of Technology and Metallurgy, Karnegijeva 4,11000 Belgrade, Serbia

[c]University of Belgrade, Vinča Institute of Nuclear Sciences, P.O. Box 522, 11001 Belgrade, Serbia

[d]National Institute for Lasers, Plasma, and Radiation Physics, Lasers Department, "Laser-Surface-Plasma Interactions" Laboratory, PO Box MG-54, RO-77125, Magurele, Ilfov, Romania

[*]Correspondingauthor: tel: + 381 11 3303741. E-mail address: abjelajac@tmf.bg.ac.rs (A. Bjelajac).

Abstract