Accepted Manuscript

Title: Investigation of nano Ag-decorated SiC particles for photoelectrocatalytic dye degradation and bacterial inactivation

Authors: Sangeeta Adhikari, Neerugatti KrishnaRao Eswar, Sushree Sangita, Debasish Sarkar, Giridhar Madras

PII: \$1010-6030(17)31719-7

DOI: https://doi.org/10.1016/j.jphotochem.2018.02.017

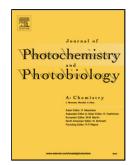
Reference: JPC 11148

To appear in: Journal of Photochemistry and Photobiology A: Chemistry

Received date: 22-11-2017 Revised date: 9-2-2018 Accepted date: 11-2-2018

Please cite this article as: Sangeeta Adhikari, Neerugatti KrishnaRao Eswar, Sushree Sangita, Debasish Sarkar, Giridhar Madras, Investigation of nano Ag-decorated SiC particles for photoelectrocatalytic dye degradation and bacterial inactivation, Journal of Photochemistry and Photobiology A: Chemistry https://doi.org/10.1016/j.jphotochem.2018.02.017

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.

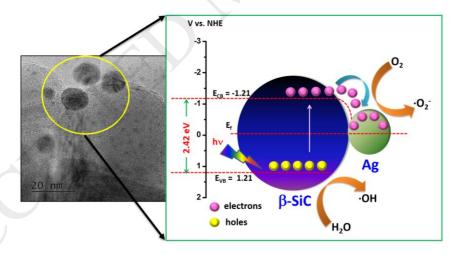


ACCEPTED MANUSCRIPT

Investigation of nano Ag-decorated SiC particles for photoelectrocatalytic dye degradation and bacterial inactivation

Sangeeta Adhikari¹, Neerugatti KrishnaRao Eswar², Sushree Sangita³, Debasish Sarkar^{3#}, Giridhar Madras¹

Graphical abstract



1

¹Department of Chemical Engineering, Indian Institute of Science, Bangalore, India

²Centre for Nanoscience and Engineering, Indian Institute of Science, Bangalore, India

³Department of Ceramic Engineering, National Institute of Technology, Rourkela, India

^{*}Corresponding Author: Debasish Sarkar (dsarkar@nitrkl.ac.in)

Download English Version:

https://daneshyari.com/en/article/6492615

Download Persian Version:

https://daneshyari.com/article/6492615

<u>Daneshyari.com</u>