

Accepted Manuscript

Title: Photoelectrochemical and photocatalytic activities of bilayered TiO₂/Ga:WO₃ photoelectrode by spray pyrolysis technique

Authors: S.V. Mohite, V.V. Ganbavle, K.Y. Rajpure



PII: S0025-5408(17)30873-5
DOI: <http://dx.doi.org/doi:10.1016/j.materresbull.2017.06.043>
Reference: MRB 9426

To appear in: *MRB*

Received date: 27-2-2017
Revised date: 28-6-2017
Accepted date: 28-6-2017

Please cite this article as: S.V.Mohite, V.V.Ganbavle, K.Y.Rajpure, Photoelectrochemical and photocatalytic activities of bilayered TiO₂/Ga:WO₃ photoelectrode by spray pyrolysis technique, Materials Research Bulletin <http://dx.doi.org/10.1016/j.materresbull.2017.06.043>

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.

Photoelectrochemical and photocatalytic activities of bilayered $\text{TiO}_2/\text{Ga:WO}_3$ photoelectrode by spray pyrolysis technique

S. V. Mohite, V. V. Ganbavle, K. Y. Rajpure*

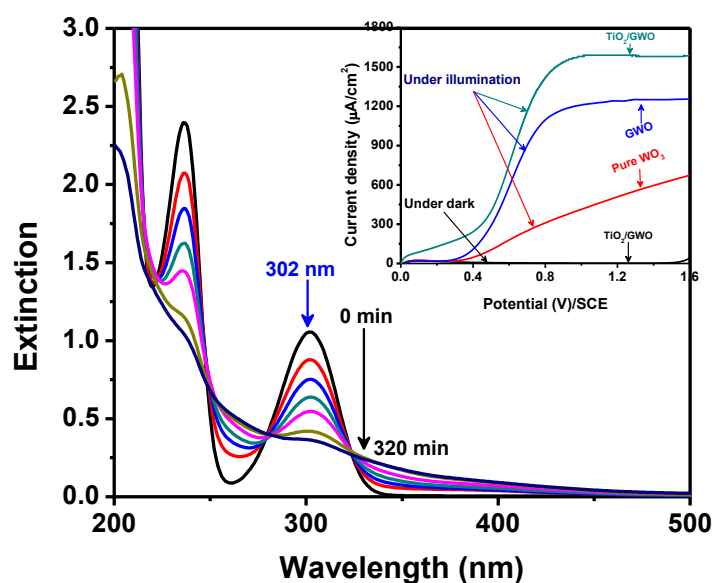
¹Electrochemical Materials Laboratory, Department of Physics, Shivaji University, Kolhapur 416004, India.

²Department of Physics, Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji 416115.

*Corresponding Author: rajpure@yahoo.com

Tel: +91-231-2609435, Fax: +91-231-2691533

Graphical abstract



Photoelectrochemical performance of WO_3 , Ga:WO_3 and bilayered $\text{TiO}_2/\text{Ga:WO}_3$ photoelectrodes and degradation of salicylic acid using immobilized bilayered $\text{TiO}_2/\text{Ga:WO}_3$ photocatalyst.

Download English Version:

<https://daneshyari.com/en/article/5441839>

Download Persian Version:

<https://daneshyari.com/article/5441839>

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