

Accepted Manuscript

Title: Effective shell wall thickness of vertically aligned ZnO-ZnS core-shell nanorod arrays on visible photocatalytic and photo sensing properties

Authors: Kugalur Shanmugam Ranjith, Rutely Burgos Castillo, Mika Sillanpaa, Ramaswamy Thangavelu Rajendra kumar



PII: S0926-3373(18)30305-9
DOI: <https://doi.org/10.1016/j.apcatb.2018.03.099>
Reference: APCATB 16557

To appear in: *Applied Catalysis B: Environmental*

Received date: 30-8-2017

Revised date: 17-3-2018

Accepted date: 26-3-2018

Please cite this article as: Ranjith KS, Castillo RB, Sillanpaa M, kumar RTR, Effective shell wall thickness of vertically aligned ZnO-ZnS core-shell nanorod arrays on visible photocatalytic and photo sensing properties, *Applied Catalysis B: Environmental* (2018), <https://doi.org/10.1016/j.apcatb.2018.03.099>

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.

Effective shell wall thickness of vertically aligned ZnO-ZnS core-shell nanorod arrays on visible photocatalytic and photo sensing properties

Kugalur Shanmugam Ranjith^a, Rutely Burgos Castillo^b, Mika Sillanpää^b, Ramaswamy Thangavelu Rajendra kumar^{a,c,*}

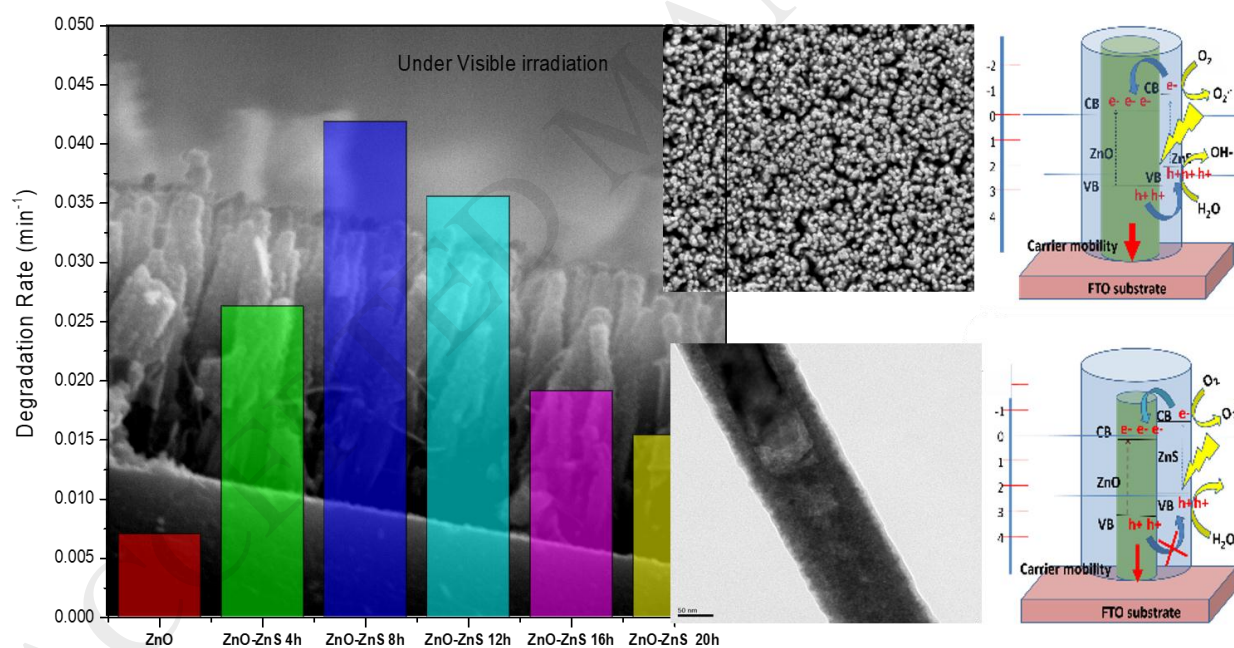
^aAdvanced Materials and Devices Laboratory, Department of Physics, Bharathiar University, Coimbatore, India

^bLaboratory of Green Chemistry, School of Engineering Science, Lappeenranta University of Technology, Sammonkatu 12, FI-50130, Mikkeli, Finland

^cDepartment of Nanoscience and Technology, Bharathiar University, Coimbatore, India

*Email : rtrkumar@buc.edu.in

Graphical abstract



Highlights

Download English Version:

<https://daneshyari.com/en/article/6498090>

Download Persian Version:

<https://daneshyari.com/article/6498090>

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