Accepted Manuscript

Title: Synthesis of BiFeWO₆/WO₃ nanocomposite and its enhanced photocatalytic activity towards degradation of dye under irradiation of light

Authors: A. Priya, Prabhakarn Arunachalam, A. Selvi, J. Madhavan, Abdullah M. Al-Mayouf

PII: S0927-7757(18)31078-1

DOI: https://doi.org/10.1016/j.colsurfa.2018.09.031

Reference: COLSUA 22831

To appear in: Colloids and Surfaces A: Physicochem. Eng. Aspects

Received date: 11-7-2018 Revised date: 12-9-2018 Accepted date: 13-9-2018

Please cite this article as: A. P, Arunachalam P, A. S, J. M, Al-Mayouf AM, Synthesis of BiFeWO₆/WO₃ nanocomposite and its enhanced photocatalytic activity towards degradation of dye under irradiation of light, *Colloids and Surfaces A: Physicochemical and Engineering Aspects* (2018), https://doi.org/10.1016/j.colsurfa.2018.09.031

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

Synthesis of BiFeWO₆/WO₃ nanocomposite and its enhanced photocatalytic activity towards degradation of dye under irradiation of light

A. Priya a, Prabhakarn Arunachalam^{b,*}, A. Selvi^c, J. Madhavan^{a,*}, Abdullah M. Al-Mayouf^b aSolar Energy Lab, Department of Chemistry, Thiruvalluvar University, Vellore-632 115, India. b Electrochemistry Research Group, Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia.

^cDept. of Biotechnology, Thiruvalluvar University, Vellore-632115, India.

*Corresponding author. Tel.: +91 416 2274747; Fax: +91 416 2274748.

E-mail address: jagan.madhavan@gmail.com (J. Madhavan), parunachalam@ksu.edu.sa (P. Arunachalam)

GRAPHICAL ABSTRACT

Download English Version:

https://daneshyari.com/en/article/10226100

Download Persian Version:

https://daneshyari.com/article/10226100

<u>Daneshyari.com</u>