Accepted Manuscript

Title: One-pot wet chemical synthesis of fluorine-containing TiO₂ nanoparticles with enhanced photocatalytic activity

Authors: Duk-Hee Lee, Basudev Swain, Dongyoon Shin, Nak-Kyoon Ahn, Jae-Ryang Park, Kyung-Soo Park

PII: S0025-5408(18)31902-0

DOI: https://doi.org/10.1016/j.materresbull.2018.09.027

Reference: MRB 10194

To appear in: *MRB*

Received date: 18-6-2018 Revised date: 17-9-2018 Accepted date: 17-9-2018

Please cite this article as: Lee D-Hee, Swain B, Shin D, Ahn N-Kyoon, Park J-Ryang, Park K-Soo, One-pot wet chemical synthesis of fluorine-containing TiO₂ nanoparticles with enhanced photocatalytic activity, *Materials Research Bulletin* (2018), https://doi.org/10.1016/j.materresbull.2018.09.027

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

One-pot wet chemical synthesis of fluorine-containing TiO₂ nanoparticles with enhanced photocatalytic activity

Duk-Hee Lee, Basudev Swain, Dongyoon Shin, Nak-Kyoon Ahn, Jae-Ryang Park, Kyung-Soo Park*

Advanced Materials & Processing Center, Institute for Advanced Engineering (IAE),

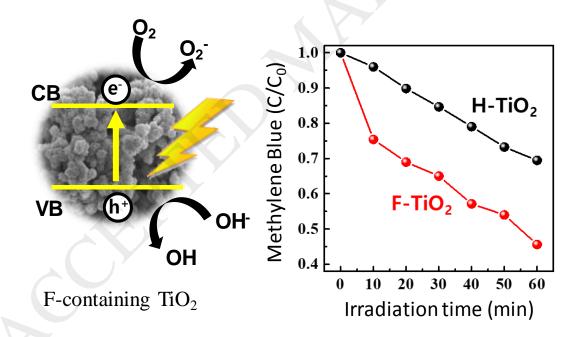
* Corresponding author.

Yongin, Korea

Tel.: +82 31 330 7422; fax: +82 31 330 7113,

E-mail address:kspark@iae.re.kr

Graphical Abstract



F-containing TiO₂ nanoparticles prepared by one-pot wet chemical methods show improved photocatalytic activity.

Highlight

Download English Version:

https://daneshyari.com/en/article/11026767

Download Persian Version:

https://daneshyari.com/article/11026767

<u>Daneshyari.com</u>