

Accepted Manuscript

Full Length Article

Core/shell structured Zn/ZnO Nanoparticles Synthesized by Gaseous Laser Ablation with Enhanced Photocatalysis Efficiency

Lu Song, Yafei Wang, Jing Ma, Qinghua Zhang, Zhijian Shen

PII: S0169-4332(18)30492-6
DOI: <https://doi.org/10.1016/j.apsusc.2018.02.143>
Reference: APSUSC 38601

To appear in: *Applied Surface Science*

Received Date: 26 October 2017
Revised Date: 7 February 2018
Accepted Date: 14 February 2018

Please cite this article as: L. Song, Y. Wang, J. Ma, Q. Zhang, Z. Shen, Core/shell structured Zn/ZnO Nanoparticles Synthesized by Gaseous Laser Ablation with Enhanced Photocatalysis Efficiency, *Applied Surface Science* (2018), doi: <https://doi.org/10.1016/j.apsusc.2018.02.143>

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.



Core/shell structured Zn/ZnO Nanoparticles Synthesized by Gaseous Laser Ablation with Enhanced Photocatalysis Efficiency

*Lu Song^{1, †}, Yafei Wang^{1, †}, Jing Ma^{1, *}, Qinghua Zhang², and Zhijian Shen^{1, 3, *}*

1. State Key Laboratory of New Ceramics and Fine Processing, School of Materials Science and Engineering, Tsinghua University, Beijing 100084, China
2. Beijing National Laboratory for Condensed Matter Physics, Institute of Physics, Chinese Academy of Sciences, Beijing 100190, China
3. Department of Materials and Environmental Chemistry, Arrhenius Laboratory, Stockholm University, Stockholm 10691, Sweden

KEYWORDS

Zinc, Zinc oxide, laser ablation, core-shell nanostructure, photocatalysis, defect

Download English Version:

<https://daneshyari.com/en/article/7834758>

Download Persian Version:

<https://daneshyari.com/article/7834758>

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