Accepted Manuscript

Microarticle

Modified Solvothermal synthesis of cobalt ferrite ($CoFe_2O_4$) magnetic nanoparticles photocatalysts for degradation of methylene blue with H_2O_2 /visible light

Abul Kalam, Abdullah G. Al-Sehemi, Mohammed Assiri, Gaohui Du, Tokeer Ahmad, Irfan Ahmad, M. Pannipara

PII: S2211-3797(18)30042-1

DOI: https://doi.org/10.1016/j.rinp.2018.01.045

Reference: RINP 1202

To appear in: Results in Physics

Received Date: 6 January 2018 Revised Date: 19 January 2018 Accepted Date: 20 January 2018



Please cite this article as: Kalam, A., Al-Sehemi, A.G., Assiri, M., Du, G., Ahmad, T., Ahmad, I., Pannipara, M., Modified Solvothermal synthesis of cobalt ferrite (CoFe₂O₄) magnetic nanoparticles photocatalysts for degradation of methylene blue with H₂O₂/visible light, *Results in Physics* (2018), doi: https://doi.org/10.1016/j.rinp.2018.01.045

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

Modified Solvothermal synthesis of cobalt ferrite ($CoFe_2O_4$) magnetic nanoparticles photocatalysts for degradation of methylene blue with H_2O_2 /visible light

Abul Kalam^{a*}, Abdullah G. Al-Sehemi^a, Mohammed Assiri^a, Gaohui Du^c, Tokeer Ahmad^d, Irfan Ahmad^a and M. Pannipara^{a,b}

^a Department of Chemistry, Faculty of Science, King Khalid University, Abha 61413, P.O. Box 9004, Saudi Arabia.

^b Research Center for Advanced Materials Science (RCAMS), King Khalid University, Abha 61413, P.O. Box 9004, Saudi Arabia.

^c Zhejiang Key Laboratory for Reactive Chemistry on Solid Surfaces, Institute of Physical Chemistry, Zhejiang Normal University, Jinhua 321004, China.

^d Nanochemistry Laboratory, Department of Chemistry, Jamia Millia Islamia, New Delhi, 110025.

* Corresponding Author Address:

E-mail: abul_k33@yahoo.com (A. Kalam)

Tel.: 0096672419482 Fax: 0096672418426

Download English Version:

https://daneshyari.com/en/article/8208087

Download Persian Version:

https://daneshyari.com/article/8208087

Daneshyari.com