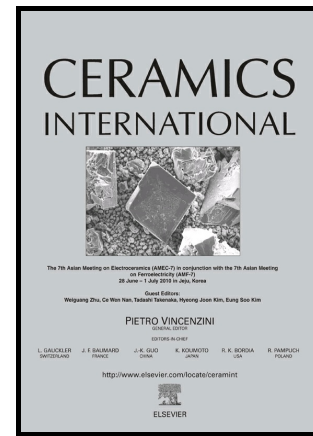


Author's Accepted Manuscript

Microwave assisted hydrothermal synthesis of $(\text{Fe,Co})_3\text{O}_4$ nanoparticles in the presence of surfactants and effects of Co/Fe ratio on microstructure and magnetism

Miloš Ognjanović, Biljana Dojčinović, Martin Fabián, Dalibor M. Stanković, José F.M.L. Mariano, Bratislav Antić



PII: S0272-8842(18)31119-2
DOI: <https://doi.org/10.1016/j.ceramint.2018.04.246>
Reference: CER118163

To appear in: *Ceramics International*

Received date: 28 February 2018
Revised date: 24 April 2018
Accepted date: 28 April 2018

Cite this article as: Miloš Ognjanović, Biljana Dojčinović, Martin Fabián, Dalibor M. Stanković, José F.M.L. Mariano and Bratislav Antić, Microwave assisted hydrothermal synthesis of $(\text{Fe,Co})_3\text{O}_4$ nanoparticles in the presence of surfactants and effects of Co/Fe ratio on microstructure and magnetism, *Ceramics International*, <https://doi.org/10.1016/j.ceramint.2018.04.246>

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 galley proof before it is published in its final citable 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.

Microwave assisted hydrothermal synthesis of (Fe,Co)₃O₄ nanoparticles in the presence of surfactants and effects of Co/Fe ratio on microstructure and magnetism

Miloš Ognjanović^{1*}, Biljana Dojčinović², Martin Fabián^{1,3}, Dalibor M. Stanković^{1,4}, José F. M. L. Mariano^{1,5} and Bratislav Antić¹

¹The “Vinča” Institute of Nuclear Sciences, University of Belgrade, POB 522, 11001 Belgrade, Serbia

²Institute of Chemistry, Technology and Metallurgy, University of Belgrade, Studentski trg 12-16, 11000 Belgrade

³Institute of Geotechnics, Slovak Academy of Sciences, Watsonova 45, 04001, Košice, Slovakia

⁴Innovation Center of the Faculty of Chemistry, University of Belgrade, POB 522, 11001 Belgrade, Serbia

⁵Department of Physics and CeFEMA, Faculty of Science and Technology, University of Algarve, Campus de Gambelas, Faro 8005-139, Portugal

*corresponding author: Miloš Ognjanović, The “Vinča” Institute of Nuclear Sciences, University of Belgrade, P. O. Box 522, 11000 Belgrade, Serbia. E-mail: miloso@vin.bg.ac.rs Phone: 00381 11 3336829

Download English Version:

<https://daneshyari.com/en/article/7886625>

Download Persian Version:

<https://daneshyari.com/article/7886625>

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