### Accepted Manuscript

Enhanced Magnetic Heating Efficiency and Thermal Conductivity of Magnetic Nanofluids with FeZrB Amorphous Nanoparticles

Junzhang Wang, Mingxiu Fan, Xiufang Bian, Mengchun Yu, Tianqi Wang, Shuai Liu, Yinghui Yang, Yuan Tian, Rongzhang Guan

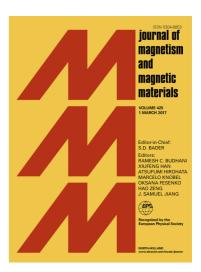
PII: S0304-8853(18)31255-1

DOI: https://doi.org/10.1016/j.jmmm.2018.06.043

Reference: MAGMA 64063

To appear in: Journal of Magnetism and Magnetic Materials

Received Date: 26 April 2018 Revised Date: 10 June 2018 Accepted Date: 13 June 2018



Please cite this article as: J. Wang, M. Fan, X. Bian, M. Yu, T. Wang, S. Liu, Y. Yang, Y. Tian, R. Guan, Enhanced Magnetic Heating Efficiency and Thermal Conductivity of Magnetic Nanofluids with FeZrB Amorphous Nanoparticles, *Journal of Magnetism and Magnetic Materials* (2018), doi: https://doi.org/10.1016/j.jmmm. 2018.06.043

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**

# **Enhanced Magnetic Heating Efficiency and Thermal Conductivity of Magnetic Nanofluids with FeZrB Amorphous Nanoparticles**

Junzhang Wang<sup>a</sup>, Mingxiu Fan<sup>b</sup>, Xiufang Bian<sup>a</sup>\*, Mengchun Yu<sup>a</sup>, Tianqi Wang<sup>a</sup>, Shuai Liu<sup>a</sup>, Yinghui Yang<sup>a</sup>, Yuan Tian<sup>a</sup> and Rongzhang Guan<sup>a</sup>

<sup>a</sup>Key Laboratory for Liquid-Solid Structural Evolution and Processing of Materials (Ministry of Education), School of Materials Science and Engineering, Shandong University, Jinan, 250061, China

<sup>b</sup>School of Energy and Power Engineering, Shandong University, Jinan, 250061, China

Corresponding authors:

\* (X.B.) E-mail: xfbian@sdu.edu.cn

#### Download English Version:

## https://daneshyari.com/en/article/8152748

Download Persian Version:

https://daneshyari.com/article/8152748

<u>Daneshyari.com</u>