

Room temperature multiferroicity in Aurivillius compounds $\text{Bi}_6\text{Fe}_{2-x}\text{Ni}_x\text{Ti}_3\text{O}_{18}$ ($0 \leq x \leq 1$)

P. Xiong, J. Yang, Y.F. Qin, W.J. Huang, X.W. Tang, L.H. Yin, W.H. Song, J.M. Dai, X.B. Zhu, Y.P. Sun



PII: S0272-8842(16)32354-9
DOI: <http://dx.doi.org/10.1016/j.ceramint.2016.12.087>
Reference: CERI14397

To appear in: *Ceramics International*

Received date: 9 October 2016
Revised date: 15 December 2016
Accepted date: 15 December 2016

Cite this article as: P. Xiong, J. Yang, Y.F. Qin, W.J. Huang, X.W. Tang, L.H. Yin, W.H. Song, J.M. Dai, X.B. Zhu and Y.P. Sun, Room temperature multiferroicity in Aurivillius compounds $\text{Bi}_6\text{Fe}_{2-x}\text{Ni}_x\text{Ti}_3\text{O}_{18}$ ($0 \leq x \leq 1$) *Ceramics International*, <http://dx.doi.org/10.1016/j.ceramint.2016.12.087>

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.

Room temperature multiferroicity in Aurivillius compounds

P. Xiong^{a,b}, J. Yang^{*a}, Y. F. Qin^{a,b}, W. J. Huang^{a,b}, X. W. Tang^a, L. H. Yin^a, W. H.

Song^a, J. M. Dai^a, X. B. Zhu^a, Y. P. Sun^{a,c,d}

^aKey Laboratory of Materials Physics, Institute of Solid State Physics, Chinese Academy of Sciences, Hefei 230031, People's Republic of China

^bUniversity of Science and Technology of China, Hefei 230026, People's Republic of China

^cHigh Magnetic Field Laboratory, Chinese Academy of Sciences, Hefei 230031, People's Republic of China

^dCollaborative Innovation Center of Advanced Microstructures, Nanjing University, Nanjing 210093, People's Republic of China

*Corresponding author. Phone: 86 551 5591439; Fax: 86 551 5591434; E-mail address: jyang@issp.ac.cn (J. Yang).

Download English Version:

<https://daneshyari.com/en/article/5439105>

Download Persian Version:

<https://daneshyari.com/article/5439105>

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