Accepted Manuscript

Self-assembled c-axis oriented δ -MoN thin films on Si substrates by chemical solution deposition: Growth, transport and superconducting properties

Hanlu Zhang, Zhenzhen Hui, Xianwu Tang, Renhuai Wei, Jie Yang, Jianming Dai, Wenhai Song, Hongmei Luo, Xuebin Zhu, Yuping Sun

PII: S0925-8388(17)30522-4

DOI: 10.1016/j.jallcom.2017.02.084

Reference: JALCOM 40812

To appear in: Journal of Alloys and Compounds

Received Date: 15 November 2016
Revised Date: 23 January 2017
Accepted Date: 9 February 2017

Please cite this article as: H. Zhang, Z. Hui, X. Tang, R. Wei, J. Yang, J. Dai, W. Song, H. Luo, X. Zhu, Y. Sun, Self-assembled c-axis oriented δ -MoN thin films on Si substrates by chemical solution deposition: Growth, transport and superconducting properties, *Journal of Alloys and Compounds* (2017), doi: 10.1016/j.jallcom.2017.02.084.

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

Self-assembled c-axis oriented δ -MoN thin films on Si substrates by chemical solution deposition: growth, transport and superconducting properties

Hanlu Zhang, ^{a, b} Zhenzhen Hui, ^a Xianwu Tang, ^a Renhuai Wei, ^a Jie Yang, ^a Jianming Dai, ^a Wenhai Song, ^a Hongmei Luo, ^c Xuebin Zhu, ^{†a} and Yuping Sun ^{†a,d,e,f}

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

^b University of Science and Technology of China, Hefei 230026, People's Republic of China.

^cDepartment of Chemical Engineering, New Mexico State University, Las Cruces, New Mexico 88003,USA.

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

^e Collaborative Innovation Center of Advanced Microstructures, Nanjing University, Nanjing 210093, People's Republic of China.

^f University of Science and Technology of China, Hefei 230026, People's Republic of China.

*Corresponding author. Tel.: +86 551 65591550; Fax: +86 551 65591430.

E-mail, xbzhu@issp.ac.cn (Xuebin Zhu), ypsun@issp.ac.cn (Yuping Sun)

Download English Version:

https://daneshyari.com/en/article/5460015

Download Persian Version:

https://daneshyari.com/article/5460015

Daneshyari.com