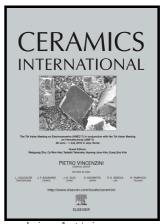
## Author's Accepted Manuscript

Self-limited growth of large-area monolayer graphene films by low pressure chemical vapor deposition for graphene-based field effect transistors

F. Kiani, Z. Razzaghi, B. Ghadiani, M. Tamizifar, M.H. Mohmmadi, A. Simchi



www.elsevier.com/locate/ceri

PII: S0272-8842(17)31722-4

DOI: http://dx.doi.org/10.1016/j.ceramint.2017.08.024

Reference: CERI15978

To appear in: Ceramics International

Received date: 17 May 2017 Revised date: 22 July 2017 Accepted date: 3 August 2017

Cite this article as: F. Kiani, Z. Razzaghi, B. Ghadiani, M. Tamizifar, M.H Mohmmadi and A. Simchi, Self-limited growth of large-area monolaye graphene films by low pressure chemical vapor deposition for graphene-base field effect transistors, *Ceramics International* http://dx.doi.org/10.1016/j.ceramint.2017.08.024

This is a PDF file of an unedited manuscript that has been accepted fo publication. As a service to our customers we are providing this early version o 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

## **ACCEPTED MANUSCRIPT**

Self-limited growth of large-area monolayer graphene films by low pressure chemical vapor deposition for graphene-based field effect transistors

F. Kiani<sup>a</sup>, Z. Razzaghi<sup>a</sup>, B. Ghadiani<sup>a</sup>, M. Tamizifar<sup>a</sup>, M.H. Mohmmadi<sup>b</sup>, A. Simchi<sup>a,c\*</sup>

<sup>a</sup>Department of Materials Science and Engineering, Sharif University of Technology, PO Box:

11365-9466, Tehran, Iran

<sup>b</sup>Department of Chemical and Petroleum Engineering, Sharif University of Technology, PO

Box:11365-8639, Tehran, Iran

<sup>c</sup>Institute for Nanoscience and Nanotechnology, Sharif University of Technology, Tehran, Iran

\*Corresponding author: Tel: +98 (21) 6616 5226; Fax: +98 (21) 66005717; E-mail: simchi@sharif.edu

## Download English Version:

## https://daneshyari.com/en/article/5437389

Download Persian Version:

https://daneshyari.com/article/5437389

<u>Daneshyari.com</u>