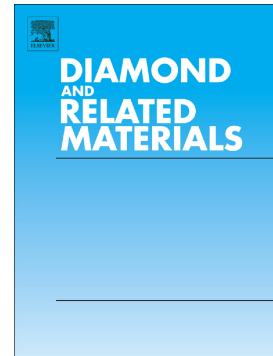


Accepted Manuscript

Diamond films and particles growth in hydrogen microwave plasma with graphite solid precursor: Optical emission spectroscopy study

Kaili Yao, Bing Dai, Victor Ralchenko, Guoyang Shu, Jiwen Zhao, Liu Kang, Zhenhuai Yang, Lei Yang, Jiecai Han, Jiaqi Zhu



PII: S0925-9635(17)30677-5
DOI: <https://doi.org/10.1016/j.diamond.2017.12.020>
Reference: DIAMAT 6998
To appear in: *Diamond & Related Materials*
Received date: 17 November 2017
Revised date: 28 December 2017
Accepted date: 28 December 2017

Please cite this article as: Kaili Yao, Bing Dai, Victor Ralchenko, Guoyang Shu, Jiwen Zhao, Liu Kang, Zhenhuai Yang, Lei Yang, Jiecai Han, Jiaqi Zhu , Diamond films and particles growth in hydrogen microwave plasma with graphite solid precursor: Optical emission spectroscopy study. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Diamat(2017), <https://doi.org/10.1016/j.diamond.2017.12.020>

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.

**Diamond films and particles growth in hydrogen microwave
plasma with graphite solid precursor: optical emission spectroscopy
study**

Kaili Yao^{a, 1}, Bing Dai^{a, 1}, Victor Ralchenko^{a, b, c}, Guoyang Shu^a, Jiwen Zhao^a, Liu Kang^a, Zhenhuai Yang^a, Lei Yang^a, Jiecai Han^a, Jiaqi Zhu^{a, d} *

^a Center for Composite Materials and Structures, Harbin Institute of Technology, Harbin, 150080, P. R. China

^b General Physics Institute RAS, Vavilov str. 38, Moscow 119991, Russia

^c National Research Nuclear University MEPhI, Moscow 115409, Russia

^d Key Laboratory of Micro-systems and Micro-structures Manufacturing, Ministry of Education, Harbin Institute of Technology, Harbin, 150080, P. R. China

*Corresponding authors. Email: zhujq@hit.edu.cn

Tel: 86-451-86402954, Fax:86-451-86403218

Download English Version:

<https://daneshyari.com/en/article/7110993>

Download Persian Version:

<https://daneshyari.com/article/7110993>

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