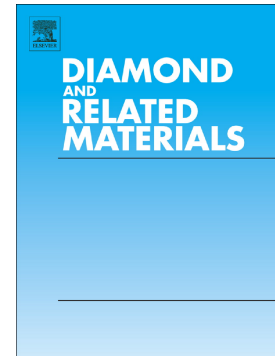


## Accepted Manuscript

Fabrication of single crystal diamond microchannels for micro-electromechanical systems

J. Fu, T.F. Zhu, M.H. Zhang, X. Zhang, F.N. Li, Z.C. Liu, G.A. Denu, Y.F. Wang, D. Zhao, G.Q. Shao, X.H. Chang, W. Wang, J.W. Zhang, H.X. Wang, J.J. Wang, X. Hou



PII: S0925-9635(17)30351-5  
DOI: doi:[10.1016/j.diamond.2017.09.016](https://doi.org/10.1016/j.diamond.2017.09.016)  
Reference: DIAMAT 6944  
To appear in: *Diamond & Related Materials*  
Received date: 30 June 2017  
Revised date: 25 September 2017  
Accepted date: 25 September 2017

Please cite this article as: J. Fu, T.F. Zhu, M.H. Zhang, X. Zhang, F.N. Li, Z.C. Liu, G.A. Denu, Y.F. Wang, D. Zhao, G.Q. Shao, X.H. Chang, W. Wang, J.W. Zhang, H.X. Wang, J.J. Wang, X. Hou , Fabrication of single crystal diamond microchannels for micro-electromechanical systems. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Diamat(2017), doi:[10.1016/j.diamond.2017.09.016](https://doi.org/10.1016/j.diamond.2017.09.016)

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.

# Fabrication of single crystal diamond microchannels for micro-electromechanical systems

J. Fu<sup>a</sup>, T.F. Zhu<sup>a</sup>, M.H. Zhang<sup>a</sup>, X. Zhang<sup>a</sup>, F.N. Li<sup>a</sup>, Z.C. Liu<sup>a</sup>, G.A. Denu<sup>a</sup>, Y.F. Wang<sup>a</sup>,

D. Zhao<sup>a</sup>, G.Q. Shao<sup>a</sup>, X.H. Chang<sup>a</sup>, W. Wang<sup>a</sup>, J.W. Zhang<sup>a</sup>, H.X. Wang<sup>\*a</sup>, J.J. Wang<sup>\*b</sup>, X. Hou<sup>a</sup>

<sup>a</sup> *Institute of wide band gap semiconductors, Xi'an Jiaotong University, Xi'an, China*

<sup>b</sup> *Nation Key Laboratory of ASIC, Hebei Semiconductor Research Institute, Shijiazhuang, China*

*\*hxwangcn@mail.xjtu.edu.cn; \*cooper\_shenyang@163.com*

**Keywords:** Single crystal diamond, Microchannel, MEMS

Download English Version:

<https://daneshyari.com/en/article/5000508>

Download Persian Version:

<https://daneshyari.com/article/5000508>

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