

Accepted Manuscript

Research Paper

Investigation on the thermal performance of a novel microchannel-aided device for vitrification of cells/tissues

Xiaoming Zhou, Zhiquan Shu, Xin M. Liang, Chaojie Jiang, Youchao Su, Dayong Gao

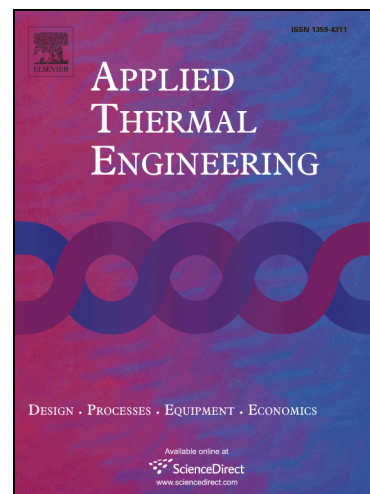
PII: S1359-4311(16)33912-6
DOI: <http://dx.doi.org/10.1016/j.applthermaleng.2017.03.042>
Reference: ATE 10046

To appear in: *Applied Thermal Engineering*

Received Date: 6 December 2016
Revised Date: 9 March 2017
Accepted Date: 10 March 2017

Please cite this article as: X. Zhou, Z. Shu, X.M. Liang, C. Jiang, Y. Su, D. Gao, Investigation on the thermal performance of a novel microchannel-aided device for vitrification of cells/tissues, *Applied Thermal Engineering* (2017), doi: <http://dx.doi.org/10.1016/j.applthermaleng.2017.03.042>

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.



Investigation on the thermal performance of a novel microchannel-aided device for vitrification of cells/tissues

Xiaoming Zhou ^{a,*}, Zhiquan Shu ^b, Xin M Liang ^b, Chaojie Jiang ^a, Youchao Su ^a and Dayong Gao ^{b,*}

^a School of Mechatronics Engineering, University of Electronic Science and Technology of China, Chengdu, Sichuan 611731, China

^b Department of Mechanical Engineering, University of Washington, Seattle, WA 98195, USA

✉Corresponding author:

Xiaoming Zhou, Ph.D, Associate professor

Postal address: NO.2006, Xiyuan Street, University of Electronic Science and Technology of China, Main Building C₁-302, Chengdu, Sichuan 611731, China

Tel: 86-15196655778,

Fax : 86- 28-61830227

Email: zhouxm@uestc.edu.cn

*Co-Corresponding Author:

Dayong Gao, Professor

Postal address: ME Building R254, Department of Mechanical Engineering, University of Washington, Seattle, WA 98195

Tel: 206-5431411

Fax : 206-6858047

Email : dayong@u.washington.edu

Download English Version:

<https://daneshyari.com/en/article/4991280>

Download Persian Version:

<https://daneshyari.com/article/4991280>

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