

Accepted Manuscript

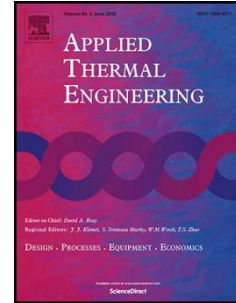
Title: Convective heat transfer characteristics of line-to-line vascular microchannel heat sink with temperature-dependent fluid properties

Author: Xudong Fan, Zhihui Xie, Fengrui Sun, Lingen Chen

PII: S1359-4311(15)01083-2
DOI: <http://dx.doi.org/doi: 10.1016/j.applthermaleng.2015.10.036>
Reference: ATE 7153

To appear in: *Applied Thermal Engineering*

Received date: 2-7-2015
Accepted date: 10-10-2015



Please cite this article as: Xudong Fan, Zhihui Xie, Fengrui Sun, Lingen Chen, Convective heat transfer characteristics of line-to-line vascular microchannel heat sink with temperature-dependent fluid properties, *Applied Thermal Engineering* (2015), <http://dx.doi.org/doi: 10.1016/j.applthermaleng.2015.10.036>.

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.

**Convective heat transfer characteristics of line-to-line
vascular microchannel heat sink with temperature-dependent
fluid properties**

Xudong Fan^{1,2,3}, Zhihui Xie^{1,2,3}, Fengrui Sun^{1,2,3}, Lingen Chen^{1,2,3,*}

1. Institute of Thermal Science and Power Engineering, Naval University of Engineering, Wuhan 430033, P. R. China;
2. Military Key Laboratory for Naval Ship Power Engineering, Naval University of Engineering, Wuhan 430033, P. R. China;
3. College of Power Engineering, Naval University of Engineering, Wuhan 430033, P. R. China.

* To whom all correspondence should be addressed.

E-mail address: lgchenna@yahoo.com and lingenchen@hotmail.com (Lingen Chen)

Fax: 0086-27-83638709 Tel: 0086-27-83615046

Download English Version:

<https://daneshyari.com/en/article/7048769>

Download Persian Version:

<https://daneshyari.com/article/7048769>

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