### Accepted Manuscript

Role of inter-nanowire distance in metal nanowires on pool boiling heat transfer characteristics

G. Udaya Kumar, S. Suresh, M.R. Thansekhar, Deepkumar Halpati

PII: S0021-9797(18)30856-7

DOI: https://doi.org/10.1016/j.jcis.2018.07.092

Reference: YJCIS 23883

To appear in: Journal of Colloid and Interface Science

Received Date: 6 April 2018 Revised Date: 2 July 2018 Accepted Date: 23 July 2018



Please cite this article as: G. Udaya Kumar, S. Suresh, M.R. Thansekhar, D. Halpati, Role of inter-nanowire distance in metal nanowires on pool boiling heat transfer characteristics, *Journal of Colloid and Interface Science* (2018), doi: https://doi.org/10.1016/j.jcis.2018.07.092

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.

## **ACCEPTED MANUSCRIPT**

# Role of inter-nanowire distance in metal nanowires on pool boiling heat transfer characteristics

Udaya Kumar G<sup>1</sup>, S. Suresh\*<sup>1</sup>, M.R. Thansekhar<sup>2</sup>, Deepkumar Halpati<sup>1</sup>

<sup>1</sup>Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli

<sup>2</sup>K.L.N. College of Engineering, Madurai, Tamilnadu

\*(corresponding author) E-mail: ssuresh@nitt.edu

Udaya Kumar G.

Research Scholar

Department of Mechanical Engineering

National Institute of Technology, Tiruchirappalli

Tiruchirappalli- 620015, India

E- mail: udaykumar824@gmail.com

Dr. S. Suresh

**Associate Professor** 

Department of Mechanical Engineering

National Institute of Technology, Tiruchirappalli

Tiruchirappalli- 620105, India

E-mail: ssuresh@nitt.edu

#### Download English Version:

# https://daneshyari.com/en/article/6989271

Download Persian Version:

https://daneshyari.com/article/6989271

<u>Daneshyari.com</u>