

## Accepted Manuscript

Non-lithographic copper-wire based fabrication of micro-fluidic reactors for biphasic flow applications

Uttam Kumar, Debashis Panda, Koushik Guha Biswas

PII: S1385-8947(18)30428-5  
DOI: <https://doi.org/10.1016/j.cej.2018.03.071>  
Reference: CEJ 18678

To appear in: *Chemical Engineering Journal*

Received Date: 25 October 2017  
Revised Date: 12 March 2018  
Accepted Date: 13 March 2018

Please cite this article as: U. Kumar, D. Panda, K.G. Biswas, Non-lithographic copper-wire based fabrication of micro-fluidic reactors for biphasic flow applications, *Chemical Engineering Journal* (2018), doi: <https://doi.org/10.1016/j.cej.2018.03.071>

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.



# NON-LITHOGRAPHIC COPPER-WIRE BASED FABRICATION OF MICRO-FLUIDIC REACTORS FOR BIPHASIC FLOW APPLICATIONS

Uttam Kumar, Debashis Panda<sup>a</sup>, Koushik Guha Biswas<sup>b\*</sup>

Rajiv Gandhi Institute of Petroleum Technology,  
*An Institute of National Importance,*  
Jais, India

**Keywords:** PDMS, Microchannel, Biphasic Flow, Bright-Field Microscopy, Flow Patterns

<sup>a</sup> ORCID ID: 0000-0002-2333-3735

<sup>b</sup> ORCID ID: 0000-0001-9081-3627

\* To whom correspondence should be addressed. Email: [kbiswas@rgipt.ac.in](mailto:kbiswas@rgipt.ac.in)

Phone: +91 9775551101

Download English Version:

<https://daneshyari.com/en/article/6579583>

Download Persian Version:

<https://daneshyari.com/article/6579583>

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