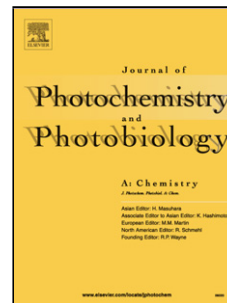


## Accepted Manuscript

Title: Application of a New Immobilized Impinging Jet Stream Reactor for Photocatalytic Degradation of Phenol: Reactor Evaluation and Kinetic Modelling

Authors: Morteza Jafarikojour, Bahram Dabir, Morteza Sohrabi, Sayed Javid Royae



PII: S1010-6030(18)30064-9  
DOI: <https://doi.org/10.1016/j.jphotochem.2018.03.043>  
Reference: JPC 11212

To appear in: *Journal of Photochemistry and Photobiology A: Chemistry*

Received date: 12-1-2018  
Revised date: 28-3-2018  
Accepted date: 28-3-2018

Please cite this article as: Morteza Jafarikojour, Bahram Dabir, Morteza Sohrabi, Sayed Javid Royae, Application of a New Immobilized Impinging Jet Stream Reactor for Photocatalytic Degradation of Phenol: Reactor Evaluation and Kinetic Modelling, *Journal of Photochemistry and Photobiology A: Chemistry* <https://doi.org/10.1016/j.jphotochem.2018.03.043>

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.

# Application of a New Immobilized Impinging Jet Stream Reactor for Photocatalytic Degradation of Phenol: Reactor Evaluation and Kinetic Modelling

Morteza Jafarikoju<sup>1</sup>, Bahram Dabir<sup>1, 2, 3 \*</sup>, Morteza Sohrabi<sup>1</sup>, Sayed Javid Royae<sup>4</sup>

<sup>1</sup>Chemical Engineering Department, Amirkabir University of Technology, Tehran, Iran

<sup>2</sup>Energy Research Center of Amirkabir University of Technology, Tehran, Iran

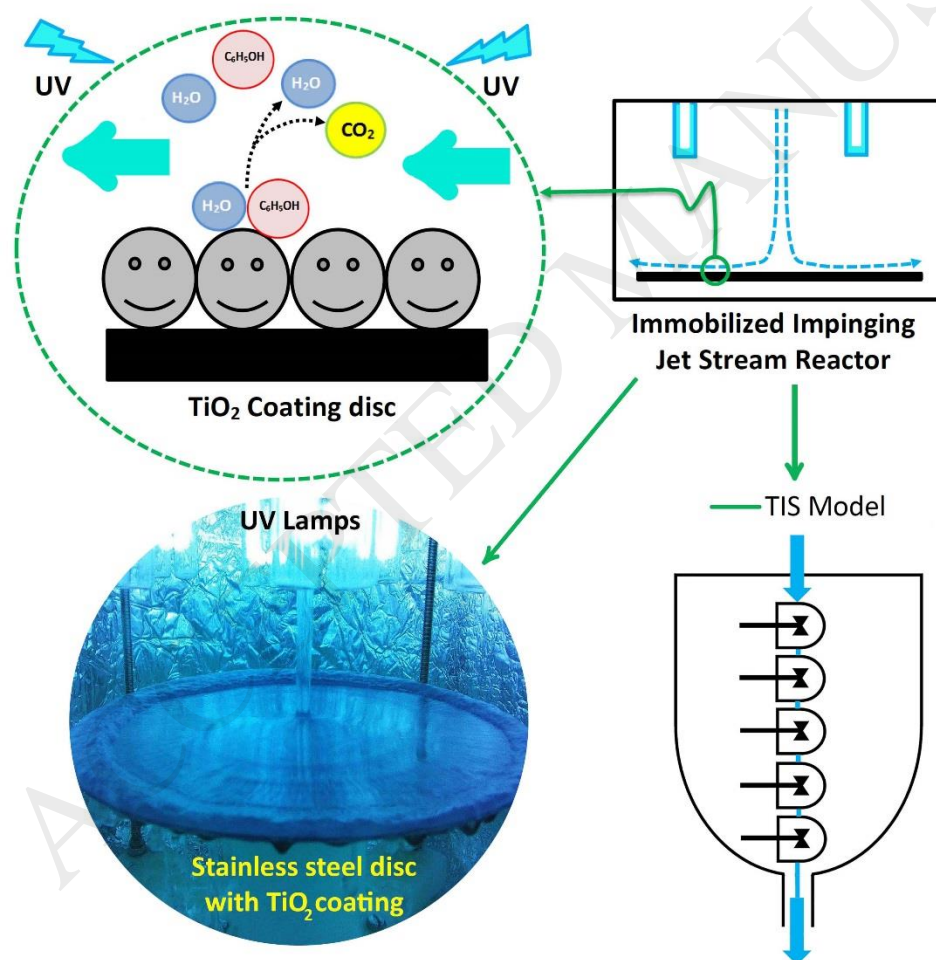
<sup>3</sup>Faculty of Petroleum Engineering, Amirkabir University of Technology, Tehran, Iran

<sup>4</sup>Petroleum Refining Technology Development Division, Research Institute of Petroleum Industry, Tehran, Iran

## Corresponding Author

\* E-mail address: drbdabir@aut.ac.ir (B. Dabir). Department of Chemical Engineering, Amirkabir University of Technology, Tehran 15914, Iran.

Graphical abstract



Download English Version:

<https://daneshyari.com/en/article/6492430>

Download Persian Version:

<https://daneshyari.com/article/6492430>

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