

## Accepted Manuscript

Title: Influence of relative humidity on the electrical response of PEDOT:PSS based organic field-effect transistor

Authors: Qayyum Zafar, Shahino Mah Abdullah, Mohamad Izzat Azmer, Mansoor Ani Najeeb, Karwan Wasman Qadir, Khaulah Sulaiman



PII: S0925-4005(17)31742-2  
DOI: <http://dx.doi.org/10.1016/j.snb.2017.09.076>  
Reference: SNB 23167

To appear in: *Sensors and Actuators B*

Received date: 30-1-2017  
Revised date: 10-9-2017  
Accepted date: 12-9-2017

Please cite this article as: Qayyum Zafar, Shahino Mah Abdullah, Mohamad Izzat Azmer, Mansoor Ani Najeeb, Karwan Wasman Qadir, Khaulah Sulaiman, Influence of relative humidity on the electrical response of PEDOT:PSS based organic field-effect transistor, *Sensors and Actuators B: Chemical* <http://dx.doi.org/10.1016/j.snb.2017.09.076>

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.

# **Influence of relative humidity on the electrical response of PEDOT:PSS based organic field-effect transistor**

**Qayyum Zafar <sup>1\*</sup>, Shahino Mah Abdullah <sup>2</sup>, Mohamad Izzat Azmer <sup>2</sup>, Mansoor Ani Najeeb <sup>3</sup>,  
Karwan Wasman Qadir <sup>4,5</sup> and Khaulah Sulaiman <sup>2</sup>**

1 Department of Electrical Engineering, Frederick University, Nicosia 1036, Cyprus.

2 Low Dimensional Materials Research Centre, Department of Physics, University of Malaya, Kuala Lumpur 50603, Malaysia.

3 Center for Advanced Materials, Qatar University, Doha 2713, Qatar.

4 Department of Physics, College of Education, Salahaddin University-Hawler, 44001 Erbil, Kurdistan Region, Iraq.

5 Physics Education Department, Faculty of Education, Ishik University, 44001 Erbil, Iraq.

**\* Corresponding Authors;**

Dr. Qayyum Zafar

Department of Electrical Engineering,

Frederick University,

1036 Nicosia, Cyprus.

E-mail: qayyumzafar@gmail.com

Download English Version:

<https://daneshyari.com/en/article/7141768>

Download Persian Version:

<https://daneshyari.com/article/7141768>

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