

Accepted Manuscript

Flexible electrochromic tungsten/titanium mixed oxide films synthesized onto flexible polyethylene terephthalate/indium tin oxide substrates via low temperature plasma polymerization

Yung-Sen Lin, Tzung-Han Tsai, Pin-Cheng Chen, Min-Chih Liao, Yi-Chen Lai



PII: S0040-6090(18)30055-5
DOI: <https://doi.org/10.1016/j.tsf.2018.01.039>
Reference: TSF 36438
To appear in: *Thin Solid Films*
Received date: 16 June 2017
Revised date: 4 September 2017
Accepted date: 21 January 2018

Please cite this article as: Yung-Sen Lin, Tzung-Han Tsai, Pin-Cheng Chen, Min-Chih Liao, Yi-Chen Lai , Flexible electrochromic tungsten/titanium mixed oxide films synthesized onto flexible polyethylene terephthalate/indium tin oxide substrates via low temperature plasma polymerization. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Tsf(2017), <https://doi.org/10.1016/j.tsf.2018.01.039>

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.

**Flexible electrochromic tungsten/titanium mixed oxide films
synthesized onto flexible polyethylene terephthalate/indium tin oxide
substrates via low temperature plasma polymerization**

Yung-Sen Lin^{*}, Tzung-Han Tsai, Pin-Cheng Chen, Min-Chih Liao, Yi-Chen Lai

*Department of Chemical Engineering, Feng Chia University, No.100, Wenhwa Road.,
Seatwen, Taichung 40724, Taiwan, ROC*

*Corresponding Author:

E-mail Address: yslin@fcu.edu.tw

Tel : 886-4-24517250 ext 3659

Fax : 886-4-24510890

ABSTRACT

An investigation has been taken on enhancing lithium electrochromic performances of mixed organotungsten oxide (WO_yC_z)/organotitanium oxide (TiO_yC_z) films, co-synthesized onto $60 \Omega/\text{square}$ flexible polyethylene terephthalate (PET)/indium tin oxide (ITO) substrates by a low temperature plasma polymerization method at various mixed concentrations of precursors tungsten hexacarbonyl $\text{W}(\text{CO})_6$ and titanium

Download English Version:

<https://daneshyari.com/en/article/8032799>

Download Persian Version:

<https://daneshyari.com/article/8032799>

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