

Accepted Manuscript

Dye sensitized solar cells using the electric field assisted spray deposited kesterite ($\text{Cu}_2\text{ZnSnS}_4$) films as the counter electrodes for improved performance

Sanjay Kumar Swami, Neha Chaturvedi, Anuj Kumar, Viresh Dutta



PII: S0013-4686(18)30048-3

DOI: [10.1016/j.electacta.2018.01.030](https://doi.org/10.1016/j.electacta.2018.01.030)

Reference: EA 31012

To appear in: *Electrochimica Acta*

Received Date: 12 October 2017

Revised Date: 12 December 2017

Accepted Date: 5 January 2018

Please cite this article as: S.K. Swami, N. Chaturvedi, A. Kumar, V. Dutta, Dye sensitized solar cells using the electric field assisted spray deposited kesterite ($\text{Cu}_2\text{ZnSnS}_4$) films as the counter electrodes for improved performance, *Electrochimica Acta* (2018), doi: 10.1016/j.electacta.2018.01.030.

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.

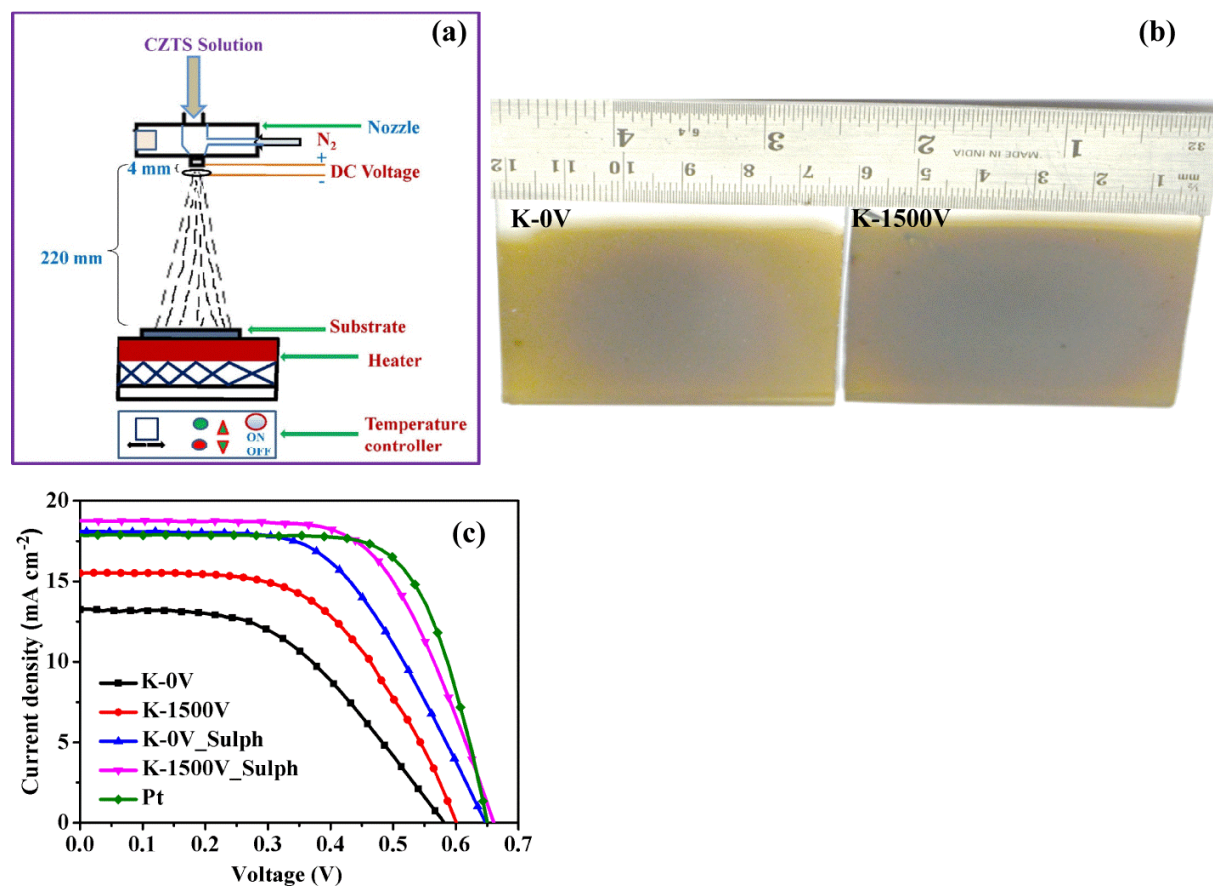


Figure: (a) Schematic of spray technique, (b) Large area kesterite thin films deposited by spray technique, and (c) $J-V$ characteristics of dye sensitized solar cells using spray deposited kesterite films and platinum counter electrodes.

Download English Version:

<https://daneshyari.com/en/article/6604297>

Download Persian Version:

<https://daneshyari.com/article/6604297>

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