Accepted Manuscript

Simultaneous performance and stability improvement of perovskite solar cells by a sequential twice anti-solvent deposition process

Mingxi Tan, Guoqi Ji, Lianping Zhang, Jie Wang, Cheng Wang, Qi Chen, Qun Luo, Liwei Chen, Chang-Qi Ma

PII: S1566-1199(18)30266-0

DOI: 10.1016/j.orgel.2018.05.044

Reference: ORGELE 4704

To appear in: Organic Electronics

Received Date: 29 March 2018

Revised Date: 9 May 2018

Accepted Date: 28 May 2018

Please cite this article as: M. Tan, G. Ji, L. Zhang, J. Wang, C. Wang, Q. Chen, Q. Luo, L. Chen, C.-Q. Ma, Simultaneous performance and stability improvement of perovskite solar cells by a sequential twice anti-solvent deposition process, *Organic Electronics* (2018), doi: 10.1016/j.orgel.2018.05.044.

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.



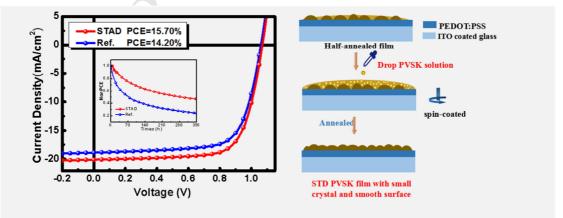
Simultaneous Performance and Stability Improvement of Perovskite Solar Cells by A Sequential Twice Anti-Solvent Deposition Process

Mingxi Tan,^{a,b} Guoqi Ji,^a Lianping Zhang,^a Jie Wang,^a Cheng Wang,^c Qi Chen,^c Qun

Luo,^a Liwei Chen,^c Chang-Qi Ma^{a,}*

Graphic Abstract:

In this work, a sequential twice anti-solvent deposition method was developed for the deposition of perovskite solar cells, which was found to be able to improve the crystal quality of the perovskite thin film, and consequently improve device performance and stability.



Download English Version:

https://daneshyari.com/en/article/7700221

Download Persian Version:

https://daneshyari.com/article/7700221

Daneshyari.com