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Correction: Inorganic p-type contact materials for perovskite-based solar cells

Ming-Hsien Li,^a Po-Shen Shen,^a Kuo-Chin Wang,^a Tzung-Fang Guo^{abc}
and Peter Chen^{*abc}Correction for 'Inorganic p-type contact materials for perovskite-based solar cells' by Ming-Hsien Li *et al.*, *J. Mater. Chem. A*, 2015, DOI: 10.1039/c4ta06425a.

A relevant article (*J. Mater. Chem. A*, 2014, 2, 12754–12760) was not included in the above review however it is included in the revised Table 1 and Fig. 11 below.

Table 1 Summary of photovoltaic parameters of PSC based on inorganic p-type semiconductor

| Number | Types | HTM | Device structure | Photovoltaic parameters | | | Ref. |
|-----------------------|------------------|-------|--|-------------------------|---------------------------------|---------|------|
| | | | | V_{OC} (mV) | J_{SC} (mA cm ⁻²) | PCE (%) | |
| n-i-p junction | | | | | | | |
| #1 | Mesoscopic | CuSCN | FTO/cp-TiO ₂ /mp-TiO ₂ /PsK/CuSCN/Au | 630 | 14.5 | 4.9 | 10 |
| #2 | Mesoscopic | CuSCN | FTO/cp-TiO ₂ /mp-TiO ₂ /Sb ₂ S ₃ /PsK/CuSCN/Au | 570 | 17.2 | 5.12 | 12 |
| #3 | Mesoscopic | CuSCN | FTO/cp-TiO ₂ /mp-TiO ₂ /PsK/CuSCN/Au | 1016 | 19.7 | 12.4 | 9 |
| #4 | Mesoscopic | CuI | FTO/cp-TiO ₂ /mp-TiO ₂ /PsK/CuI/Au | 550 | 17.8 | 6 | 13 |
| #5 | Mesoscopic | NiO | FTO/cp-TiO ₂ /mp-TiO ₂ /PsK/mp-NiO/carbon | 890 | 18.2 | 11.4 | 38 |
| #6 | Planar | CuSCN | FTO/cp-TiO ₂ /PsK/CuSCN/Au | 727 | 14.4 | 6.4 | 55 |
| p-i-n junction | | | | | | | |
| #7 | Planar | CuSCN | FTO/CuSCN/PsK/PCBM/Ag | 677 | 8.8 | 3.8 | 11 |
| #8 | Planar | NiO | FTO/NiO/PsK/PCBM/Ag | 786 | 14.2 | 7.3 | 11 |
| #9 | Planar | NiO | ITO/NiO _x (solution)/PsK/PCBM/BCP/Al | 920 | 12.4 | 7.8 | 15 |
| #10 | Planar | NiO | ITO/NiO/PsK/PCBM/Al | 1050 | 15.4 | 7.6 | 14 |
| #11 | Planar | NiO | FTO/NiO (sputter)/PsK/PCBM/BCP/Au | 1100 | 15.2 | 9.8 | 19 |
| #12 | Planar | NiO | ITO/Cu:NiO _x /PsK/PC ₆₁ BM/C ₆₀ /Ag | 1110 | 19.0 | 15.4 | 20 |
| #13 | Mesoscopic | NiO | FTO/cp-NiO/mp-NiO/PsK/PCBM/Al | 830 | 4.9 | 1.5 | 18 |
| #14 | Mesoscopic | NiO | FTO/NiO (sol-gel)/PsK/PCBM/Au | 882 | 16.3 | 9.1 | 21 |
| #15 | Mesoscopic | NiO | ITO/NiO _x (solution)/mp-NiO/PsK/PCBM/BCP/Al | 1040 | 13.2 | 9.5 | 17 |
| #16 | Mesoscopic | NiO | ITO/NiO _x (sputter)/mp-NiO/PsK/PCBM/BCP/Al | 960 | 19.8 | 11.6 | 16 |
| #17 | Super-mesoscopic | NiO | ITO/NiO _x (spray)/mp-Al ₂ O ₃ /PsK/PCBM/BCP/Ag | 1040 | 18.0 | 13.5 | 22 |

^aDepartment of Photonics, National Cheng Kung University, Tainan, Taiwan 701. E-mail: petercyc@mail.ncku.edu.tw^bResearch Center for Energy Technology and Strategy (RCETS), National Cheng Kung University, Tainan, Taiwan 701^cAdvanced Optoelectronic Technology Center (AOTC), National Cheng Kung University, Tainan, Taiwan 701

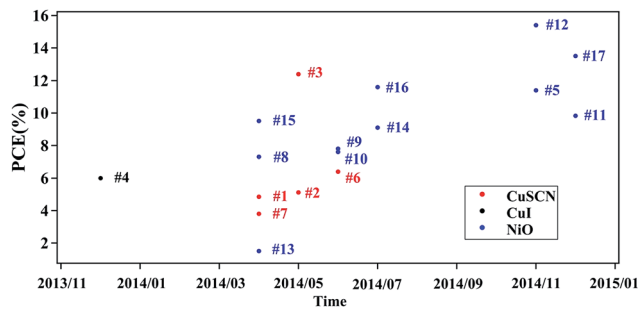


Fig. 11 PCE revolution of PSC based on inorganic p-type semiconductor.

Reference

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The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

