



Photoelectric effect solar panels

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Both short-circuit current (I_{sc}) and open-circuit voltage (V_{oc}) of the cells were improved remarkably under AM1.5 irradiation. Note that carriers in conventional ferroelectric cells are photo-generated e-h pairs. In our devices where one of the metal electrodes is of low work function, electron should be the majority carrier due to the contribution of emitted electrons from metal, in addition to the e-h pairs.

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