



ZnSe quantum dots downshifting layer for perovskite solar cells

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Highlights

- ZnSe quantum dots as downshifting materials was first introduced on perovskite solar cells (PSCs).
- ZnSe layer converted the UV rays into visible light to prevent the destruction of PSCs.
- The PCE of the PSCs was increased from 16.61% to 17.33% due to the increase of the visible light absorbance of the perovskite.

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