

Supporting Information for

Strong electron acceptor additive based spiro-OMeTAD for high- performance and hysteresis-less planar perovskite solar cells

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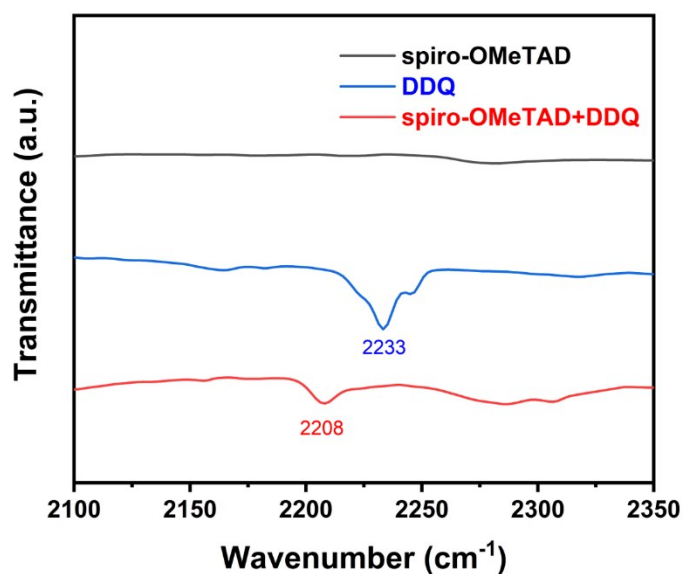


Fig. S1 FTIR spectra of pristine spiro-OMeTAD, DDQ and DDQ-doped spiro-OMeTAD.

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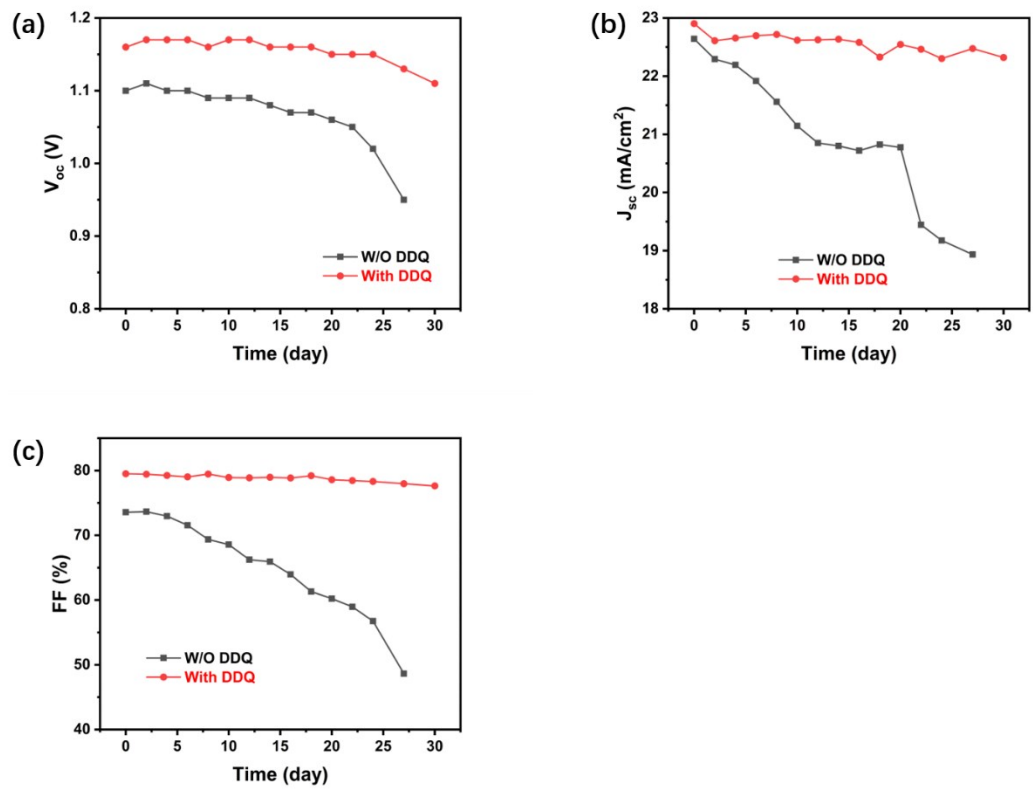


Fig. S2 The evolutions of V_{oc} (a), J_{sc} (b) and FF (c) for the devices stored in the dark at room temperature with a relative humidity of about 20% .