Supplementary information

Dye sensitized solar cells based on vertically-aligned ZnO nanorods: effect of UV light on power conversion efficiency and lifetime

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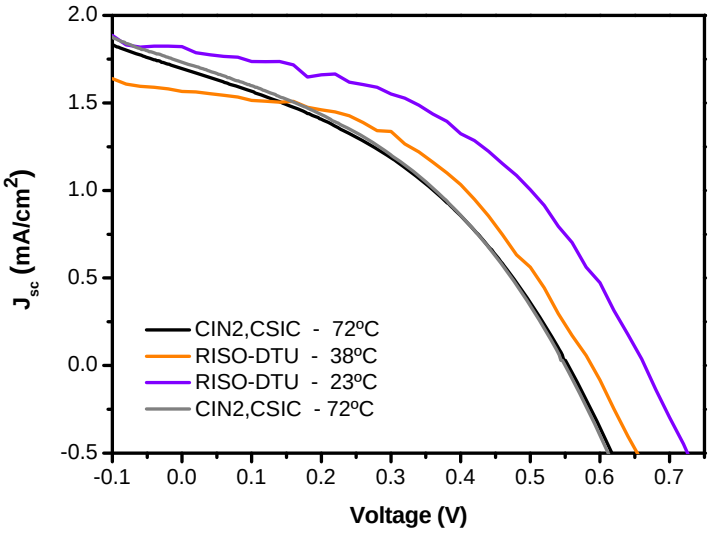

Temperature (ºC)	J_{sc} (mA/cm^2)	V_{oc} (V)	FF (%)	η (%)
72ºC at CIN2,CSIC	1.69	0.55	39	0.36
38ºC at RISO-DTU	1.56	0.58	46	0.42
25ºC at RISO-DTU	1.79	0.66	46	0.54
72ºC back at CIN2,CSIC	1.68	0.57	37	0.36

Figure SI1. A sealed DSC sample made of vertically aligned ZnO NRs. The device was made with vertically-aligned ZnO NRs of ~1.8 μm long. IV-curves of the DSC analyzed at CIN2 Laboratory (72ºC, black line), and analyzed at RISO-DTU Laboratory (23ºC, purple and 38 ºC, orange). The sample was analyzed again at CIN2 Laboratory once returned from RISO-DTU (72 ºC, grey). Table shows the photovoltaic values obtained for each curve.