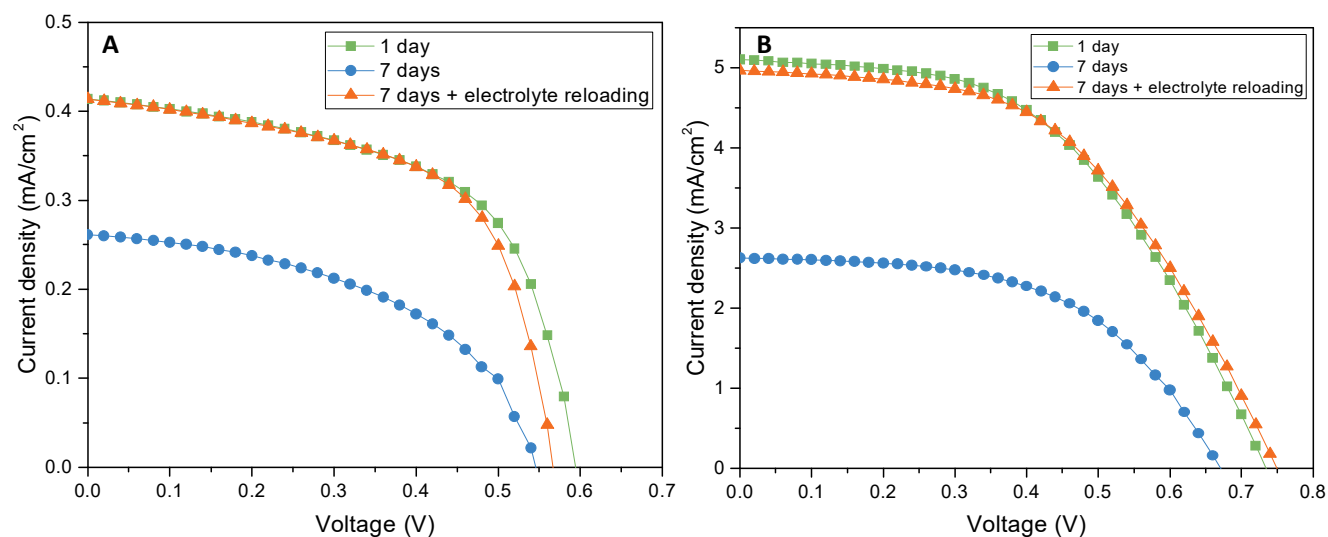


Supporting Information



SI 1: J-V curves of (A) spinach-based DSSC and (B) N719-based DSSC after extended operation time and electrolyte reloading.

SI 2: Performance of spinach-based DSSC after extended operation time and electrolyte reloading

Days	J_{sc} ($\text{mA} \cdot \text{cm}^{-2}$)	J_m ($\text{mA} \cdot \text{cm}^{-2}$)	V_{oc} (V)	V_m (V)	FF (%)	η (%)
1	0.41	0.309	0.59	0.46	58.75982	0.171253
7	0.26	0.181	0.55	0.38	48.0979	0.082867
7 / followed with electrolyte reloading	0.4135	0.32	0.57	0.442	60.00976	0.17041

SI 3: Performance of N719-based DSSC after extended operation time and electrolyte reloading

Days	J_{sc} ($\text{mA} \cdot \text{cm}^{-2}$)	J_m ($\text{mA} \cdot \text{cm}^{-2}$)	V_{oc} (V)	V_m (V)	FF (%)	η (%)
1	5.1	4.04	0.74	0.46	49.24218	2.239036
7	2.63	2.07	0.67	0.46	54.0378	1.147229
7 / followed with electrolyte reloading	4.97	4.01	0.74	0.46	50.15498	2.22241