

Supporting Information Table S3. The effects of sintering time at 500°C.^{a)}

(A) The first sintering process

entry	time / h	$I_{sc} / \text{mA cm}^{-2}$	V_{oc} / mV
1	0.5	3.47 ± 0.06	601 ± 1.4
2	1.0	2.99 ± 0.09	584 ± 4.9
3	2.0	2.83 ± 0.05	543 ± 6.4

(B) The second sintering process

entry	time / h	$I_{sc} / \text{mA cm}^{-2}$	V_{oc} / mV
4	0.5	3.88 ± 0.07	633 ± 2.1
5	1.0	2.49 ± 0.02	565 ± 13
6	2.0	2.03 ± 0.52	556 ± 6.4

a) 0.40 mol dm^{-3} KI, 0.05 mol dm^{-3} I_2 and 1.0 mol dm^{-3} 4-tert-butylpyridine in propylenecarbonate / acetonitrile (11/1, v/v)