



Figure S1. SEM images of CC-1000(a), CC-1200(b), CC-1400(c), CC-1600(d).

Table S1. The percent of C, O atoms and functionalities calculated by XPS.

	C atoms(%)	O atoms(%)	C=C(%)	C-C(%)	C-O(%)	C=O(%)
CC-1000	92.37	7.20	25.80	44.56	13.05	8.96
CC-1200	93.94	5.96	27.61	44.04	13.94	8.85
CC-1400	95.45	2.87	29.91	42.32	15.98	7.24
CC-1600	94.89	5.02	26.65	48.30	15.57	4.37