Figure S1 SEM images of (a) 100°C (b) 200°C (c) 300°C (d) 400°C.
Figure S2 a) and b), cycle voltage (CV) curves and plots of current densities at 0.25 V versus scan rates of original LiCoO2; c) and d), cycle voltage (CV) curves and plots of current densities at 0.25 V versus scan rates of 500°C.
Figure S3 a) and b), cycle voltage (CV) curves and plots of current densities at 0.25 V versus scan rates of 100C; c) and d), cycle voltage (CV) curves and plots of current densities at 0.25 V versus scan rates of
200C; e) and f), cycle voltage (CV) curves and plots of current densities at 0.25 V versus scan rates of 300C; g) and h), cycle voltage (CV) curves and plots of current densities at 0.25 V versus scan rates of 400C
Figure S4 a) Tafel slopes of 100C, 200C, 300C and 400C; b) EIS of 100C, 200C, 300C and 400C.