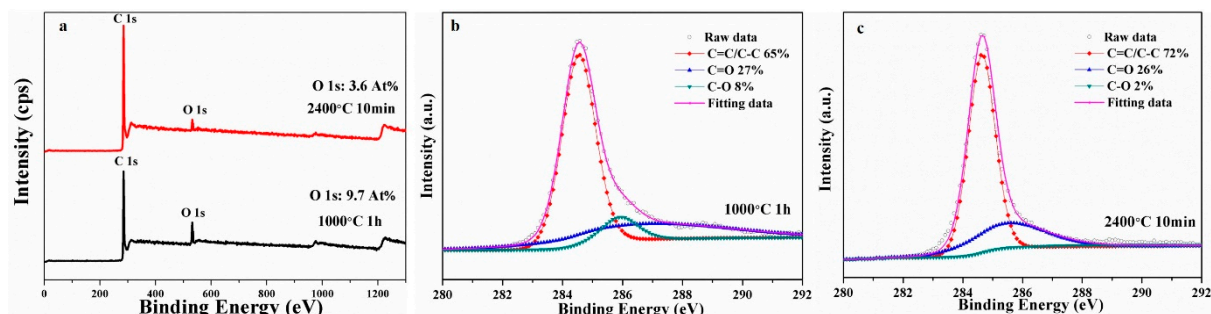
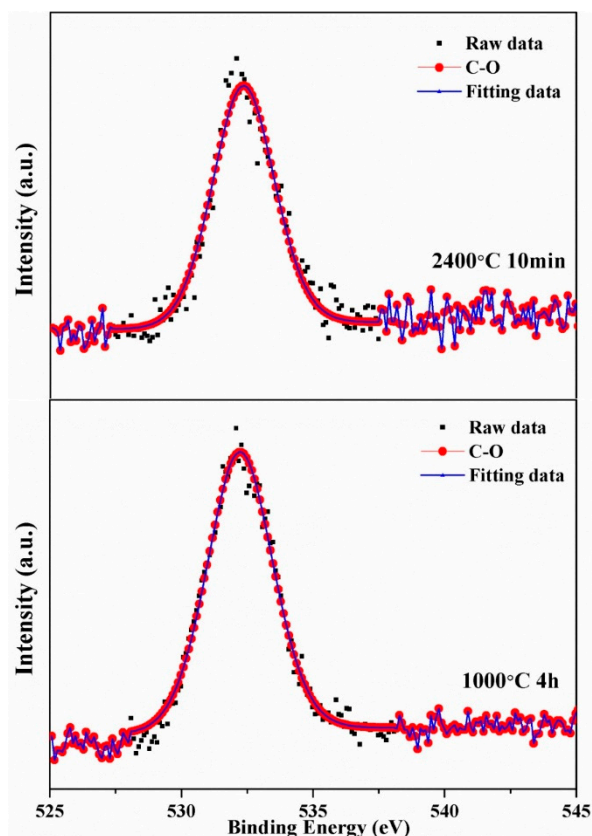


Supplementary



Supplementary Fig. S1. (a) Full-scan XPS of biocarbon structures obtained using different temperatures. (b) and (c) are the high resolution C 1s XPS scan of the biocarbon-1000°C and biocarbon-2400°C.



Supplementary Fig. S2. The high resolution O 1s XPS scan of the biocarbon-1000 °C and biocarbon-2400°C.

