Electronic Supplementary Material (ESI) for New Journal of Chemistry.

This journal is © The Royal Society of Chemistry and the Centre National de la Recherche Scientifique 2019

Supporting Information

Synergistic modification of commercial ${\rm TiO_2}$ by combined carbon sources of critic acid and sodium carboxymethyl cellulose

Rui-Lin Bai^a, Yu-Jun Bai^{b,*}

^aSchool of Chemistry and Molecular Science, Wuhan University, Wuhan, 430072, PR China

^bKey Laboratory for Liquid-Solid Structural Evolution & Processing of Materials (Ministry of Education), Shandong University, Jinan, 250061, PR China

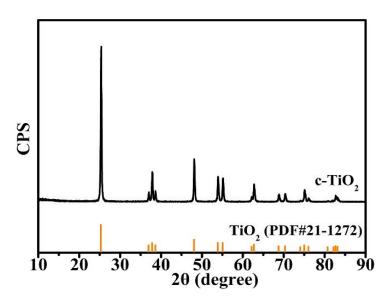


Fig. S1 XRD pattern of the as-sintered c-TiO₂ at 750 ℃ for 5 h.

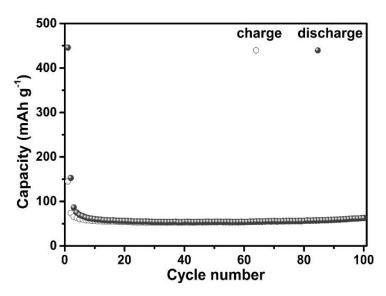


Fig. S2 Cycling performance of the as-sintered c-TiO₂ at 100 mA g^{-1} .

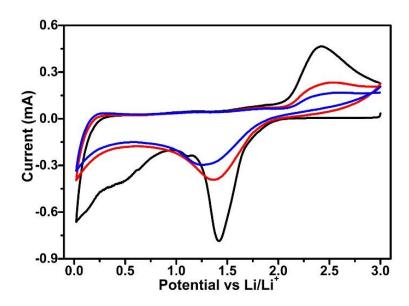


Fig. S3 CV plot of the as-sintered c-TiO₂.

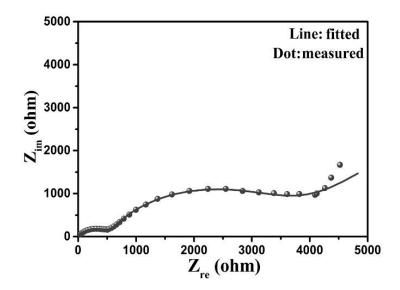


Fig. S4 Measured and fitted EIS of the as-sintered c-TiO₂.

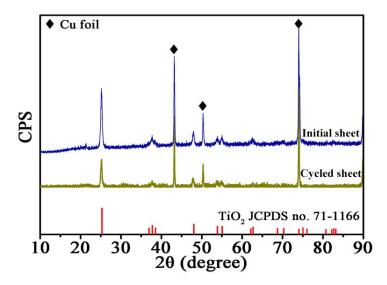


Fig. S5 XRD patterns of S2 prior to cycling and after 100 cycles at 100 mA g⁻¹.