

Supporting Information

Highly selective two-electron oxygen reduction to hydrogen peroxide using graphite felt modified with N-doped graphene in electro-Fenton system

Guishu Li^{ab}, Yonggang Zhang^{*ab}

^aState Key Laboratory of Separation Membranes and Membrane Processes, Tianjin Polytechnic University, Tianjin 300387, China

^bSchool of Environmental Science and Engineering, Tianjin Polytechnic University, Tianjin 300387, China

Table S1 Types and contents of nitrogen in graphene and N-graphene

Sample	C(%)	O(%)	N(%)
graphene	85.58	14.21	0.21
N-graphene	88.30	4.71	6.99

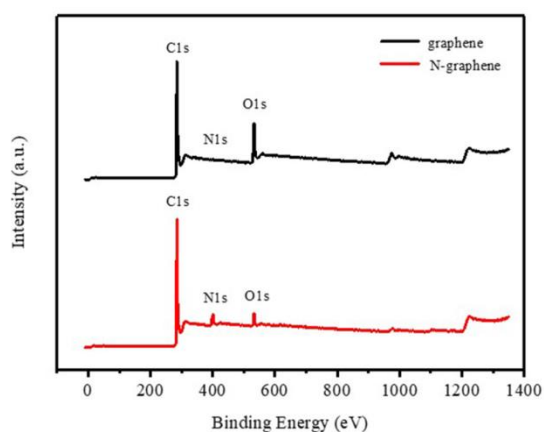


Fig.S1 XPS spectrum of graphene and N-graphene.

*Corresponding author.

E-mail address: zhangyonggang1895@163.com (Y. Zhang)

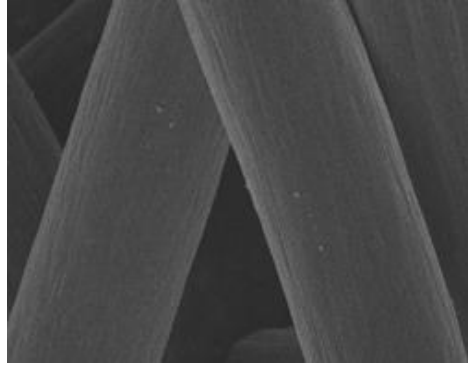


Fig.S2 SEM image of GF.