Electronic Supplementary Material (ESI) for Catalysis Science & Technology.

Supporting Information

Nitrogen modification of $NiMoO_4$ with enhanced activity for the electrochemical oxidation of 5-hydroxymethylfurfural to 2,5-furandicarboxylic acid

Wei Wang, Min Wang*

Zhang Dayu School of Chemistry, Dalian University of Technology, Dalian, 116024

Liaoning, P. R. China

Correspondence to: wangmin@dlut.edu.cn

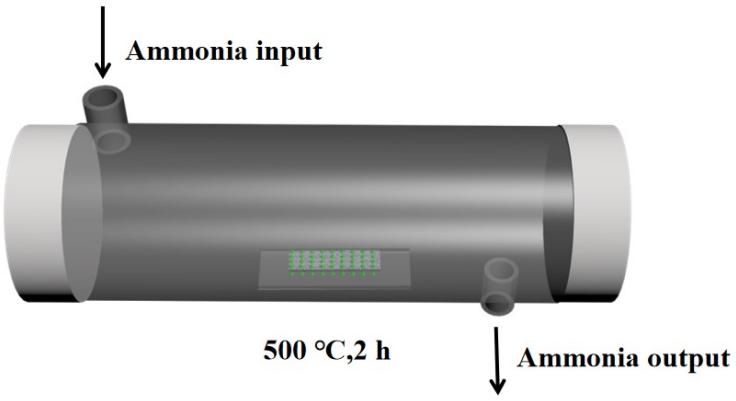

Figure S1 Schematic diagram of the ammoniation of N-$NiMoO_4$ catalyst.

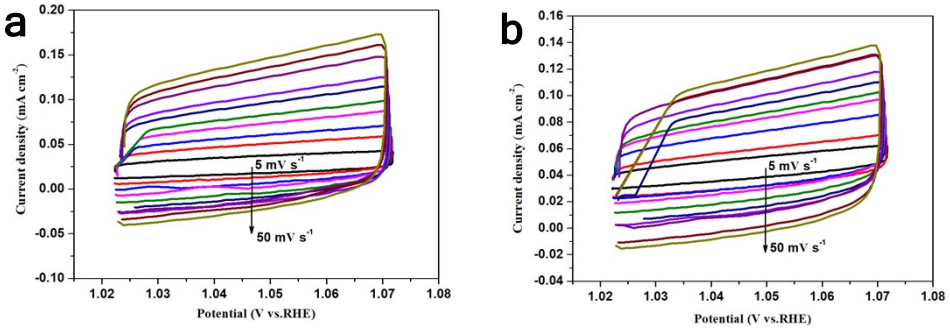

Figure S2 Cyclic voltammetry curves of N-$NiMoO_4$, $NiMoO_4$ with different sweep speeds

Table S1 Effects of different calcination time on nitrogen content

Calcination time(h)	Nitrogen content(%)
1	3.23
2	3.99
12	4.56

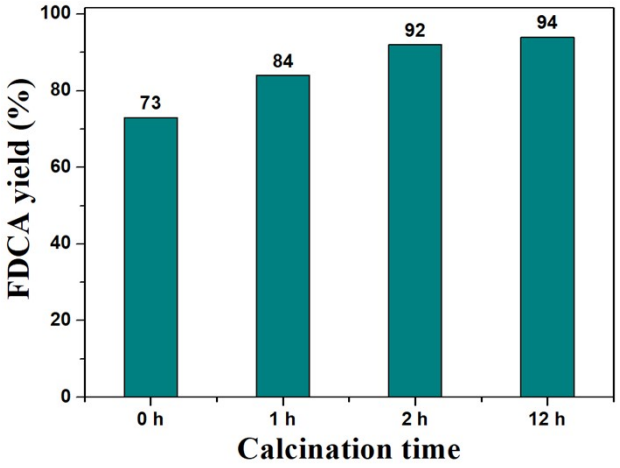

Figure S3 Catalytic activity of catalysts at different calcination times.

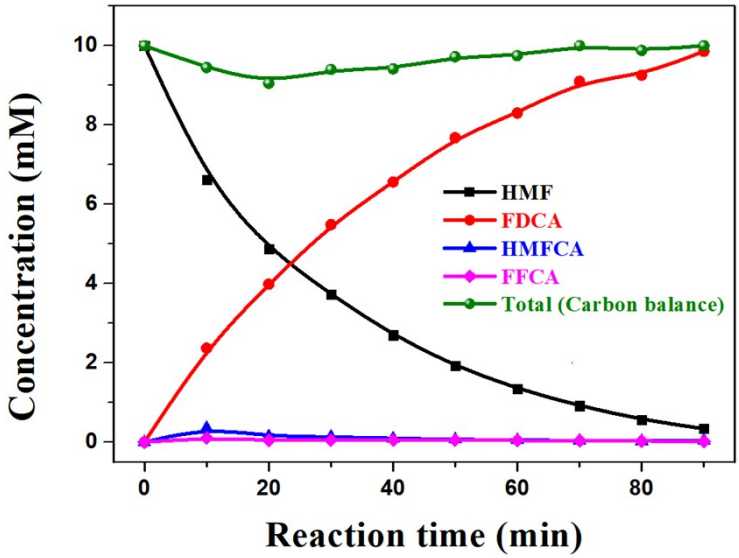

Figure S4 The profiles of the reaction intermediates.

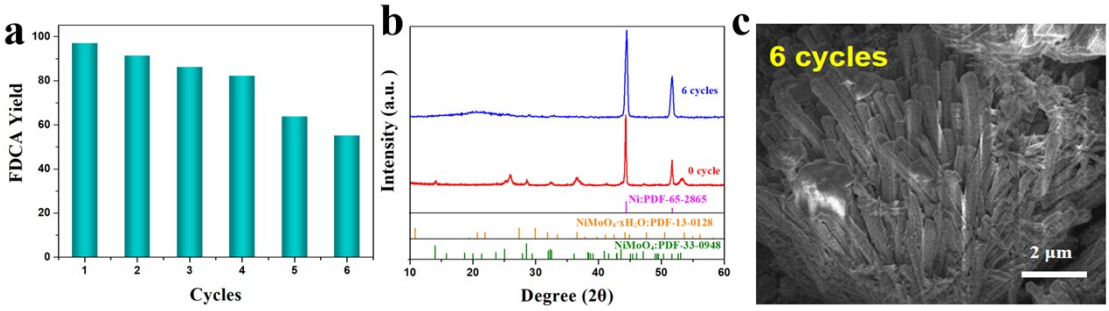

Figure S5 Cyclic experiment and corresponding XRD, SEM comparison.