

KNO₃ supported on three-dimensionally ordered macroporous

La_{0.8}Ce_{0.2}Mn_{1-x}Fe_xO₃ for soot removal

Nengjie Feng, Jie Meng, Yang Wu, Chong Chen, Lei Wang, Lu Gao, Hui Wan*, Guofeng

Guan*

State Key Laboratory of Materials-Oriented Chemical Engineering, College of Chemical
Engineering, Nanjing Tech University, Nanjing 210009, PR China

*Corresponding author, telephone: +86-25-83587198. E-mail: wanhui@njtech.edu.cn;

guangf@njtech.edu.cn

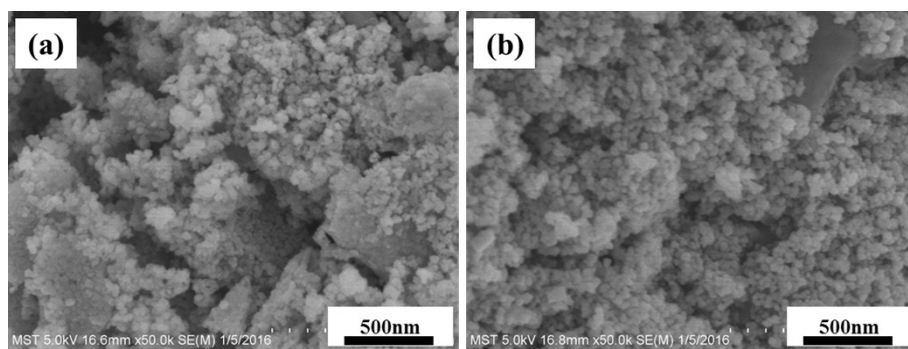


Figure S1. FESEM images of the particle $\text{La}_{0.8}\text{Ce}_{0.2}\text{Mn}_{0.6}\text{Fe}_{0.4}\text{O}_3$ perovskite and $\text{K}/\text{La}_{0.8}\text{Ce}_{0.2}\text{Mn}_{0.6}\text{Fe}_{0.4}\text{O}_3$ catalyst.

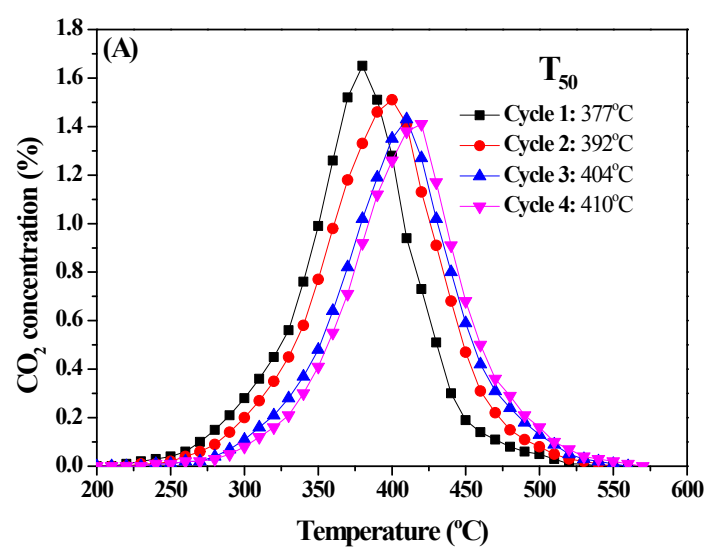


Figure S2. Stability test of the 3DOM K/La_{0.8}Ce_{0.2}Mn_{0.6}Fe_{0.4}O₃ catalyst without calcination.