**KNO₃ supported on three-dimensionally ordered macroporous \( \text{La}_{0.8}\text{Ce}_{0.2}\text{Mn}_{1-x}\text{Fe}_x\text{O}_3 \) for soot removal**

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Figure S1. FESEM images of the particle La_{0.8}Ce_{0.2}Mn_{0.6}Fe_{0.4}O_{3} perovskite and K/La_{0.8}Ce_{0.2}Mn_{0.6}Fe_{0.4}O_{3} catalyst.
Figure S2. Stability test of the 3DOM K/La$_{0.8}$Ce$_{0.2}$Mn$_{0.6}$Fe$_{0.4}$O$_3$ catalyst without calcination.