

Supporting Information

Boosting soot combustion efficiencies over CuO-CeO₂ catalysts with 3DOM structure

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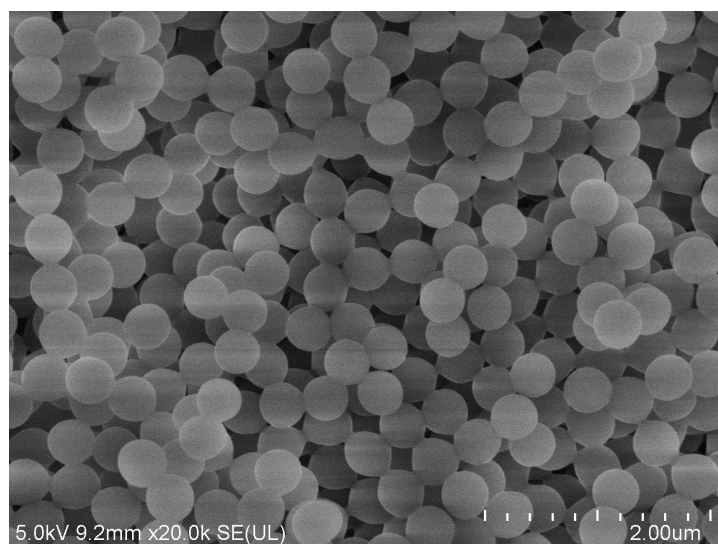


Fig. S1 FESEM image of PMMA microspheres with an average size around 400 nm.

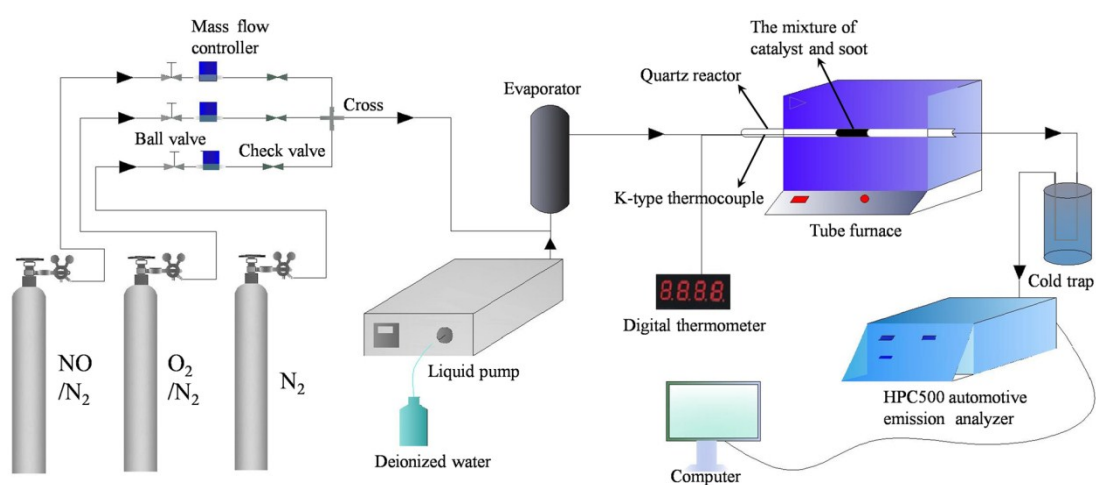


Fig. S2 Schematic flowing chart of the reaction system for soot combustion.

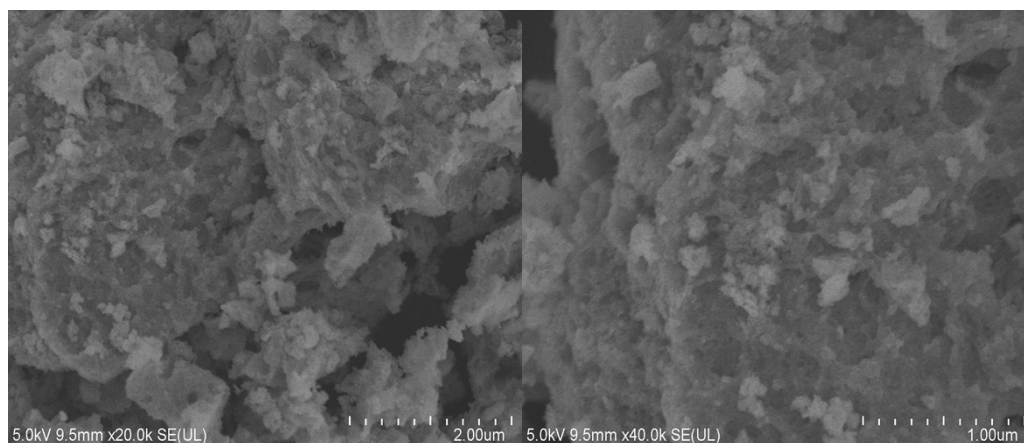


Fig. S3 FESEM images of CuCeB.

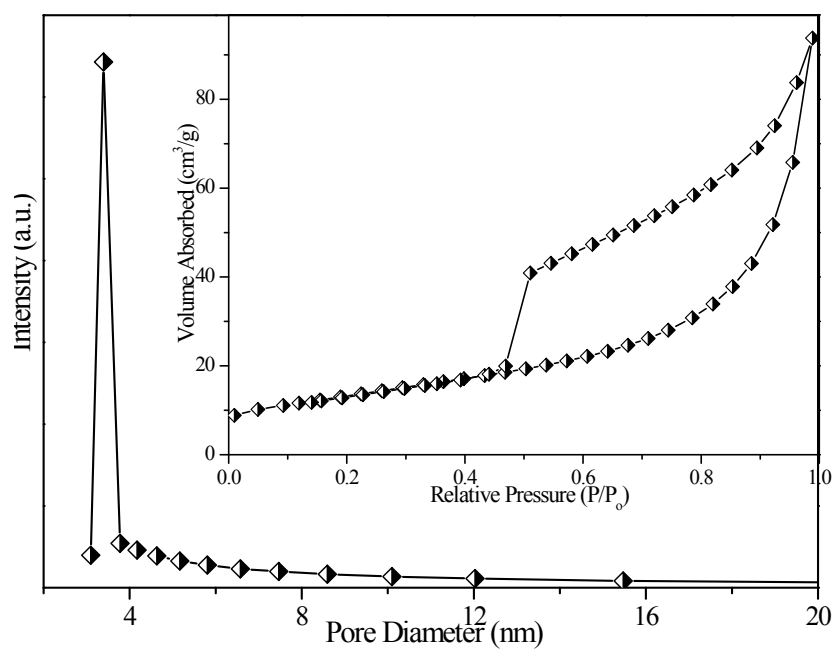


Fig. S4 Pore size distribution curves and N₂ adsorption-desorption isotherms (inset) of CuCeB.

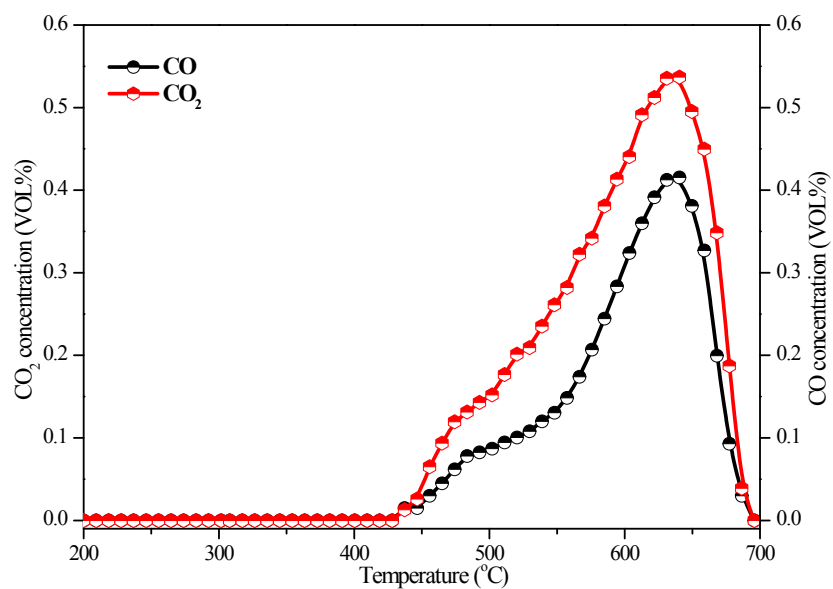


Fig. S5 Soot combustion efficiency for pure soot without catalysts.

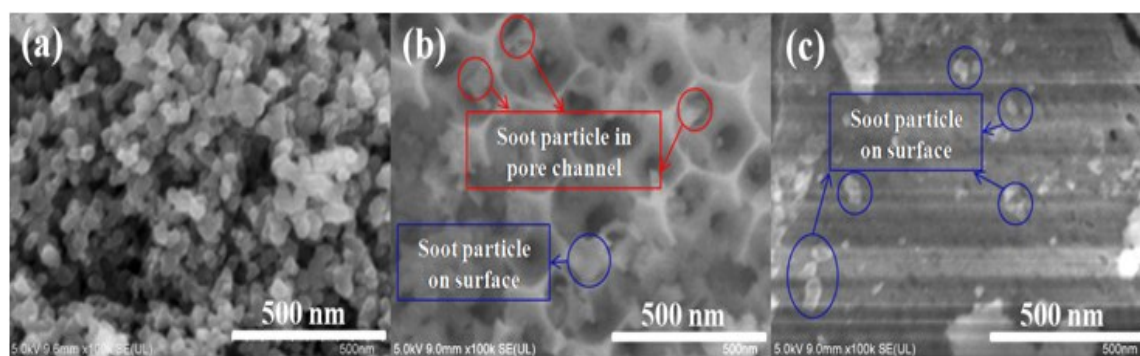


Fig. S6 FESEM images of (a) soot particles, (b) of CuCe9.7 and (c) of CuCeB after mixing with soot particles under loose contact conditions.