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Supporting Information

Accelerated Synthesis of MnO_2 Nanocomposites by Acid-Free Hydrothermal Route for Catalytic Soot Combustion

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Table S1 Concentration of Ce^{3+} in CeO_2, CeMn and CeMn-600; Co^{2+} in Co_3O_4 and CoMn

Samples	$Ce^{3+}/ (Ce^{3+}+Ce^{4+})$ (%)	$Co^{2+}/ (Co^{2+}+Co^{3+})$ (%)
CeO_2	19.6	——
CeMn	12.3	——
CeMn-600	27.5	——
Co_3O_4	——	32.8
CoMn	——	31.7
CoMn-600	——	30.5
CoMn-48	——	15.4

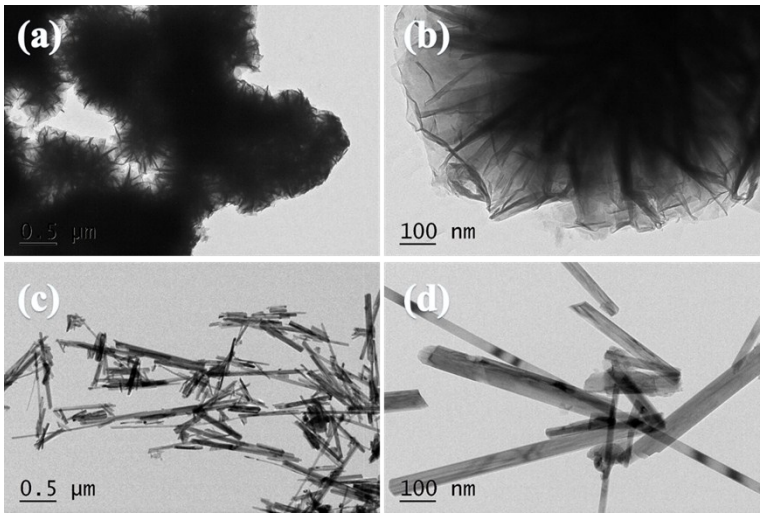

Fig. S1 TEM images of CeMn (a, b) and CeMn-600 (c,d).