Supplementary Information

Efficient and Stable Ni/SBA-15 Catalyst for Dry Reforming of Methane: Effect of Citric Acid Concentration

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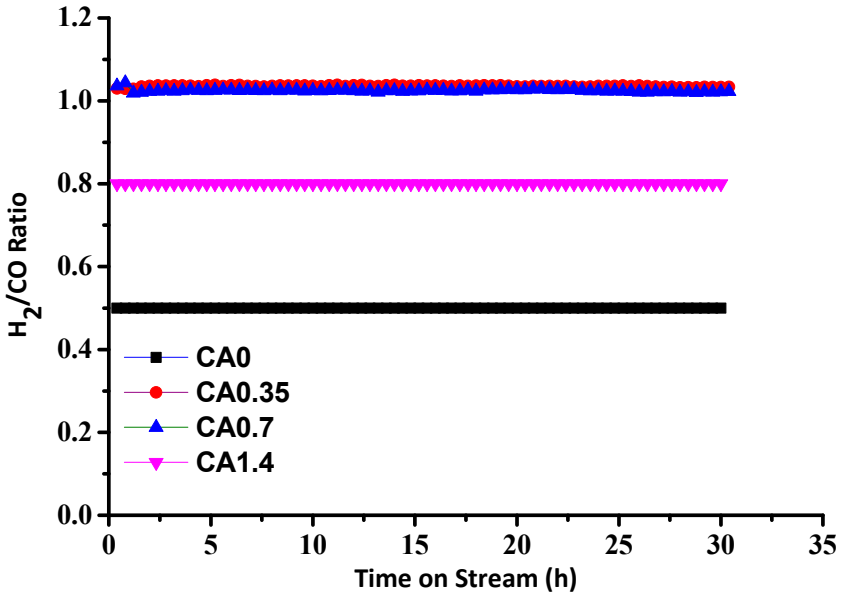

Figure S1. Catalytic yield for DRM. Reaction conditions: $CH_4/CO_2 = 1$, T = 700 °C, P = 1.0 atm, and GHSV = 96,000 $mL \cdot g^{-1}h^{-1}$.).

Table S1**:** Comparison of catalysts used in this work with previous literature.

Catalyst	T (°C)	GHSV (L $gcat^{-1}$ h^{-1})	CH_4 conversion (%)	CO_2 conversion (%)	Reference
7%Ni/SBA-15 CA 0.35	700	96	87	92	This work
5%Ni/SBA-15	700	12.9	82	85	[1]
5%Ni/SBA-15	650	27	75	87	[2]
5%Ni/SBA-16	650	18	50.1	60	[3]
5%Ni/SBA-15	650	180	60	71	[4]
5%Ni/F-SBA-15	800	15	85	85	[5]
5%Ni/SBA-15	700	22.5	75	85	[6]
5%Ni/SBA-15	700	36	62	69	[7]
5%Ni/SBA-15	650	36	75	78	[8]
10%Ni/SBA-15	700	36	78	85	[9]

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