Supplementary Information

Promotional Role of Gallium in an Eco-Friendly Synthesized CuZnAlGa Catalyst for Low-Temperature Methanol Steam Reforming

Yuxuan Feng,^a Hui Lv,^a Hongying Sha,^a Jingbo Mao,^{a,b} Jinxia Zhou^{a, b,*}

*Corresponding author: E-mail addresses: zhoujxmail@163.com (Jinxia Zhou).

Tel.: +86 411-87403214; fax: +86 411-87402449

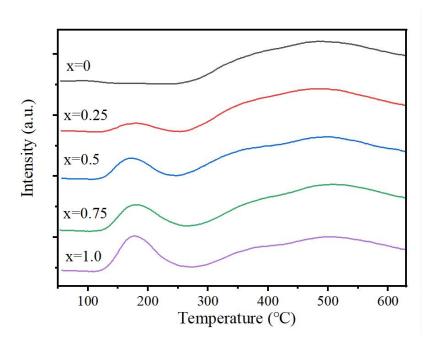


Fig. S1 H₂-TPD analysis results of Cu₃Zn₃Al₁Ga_x catalysts with different Ga doping

^a College of Environmental and Chemical Engineering, Dalian University, Dalian, 116622, China;

^b Dalian Key Laboratory of Green Manufacturing Technology for Fine Chemicals, Dalian, 116622, China;

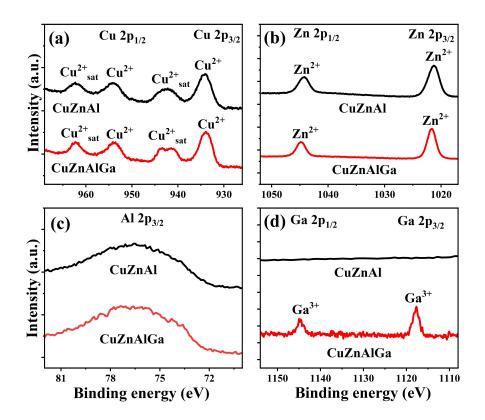


Fig. S2 XPS results of CuZnAl and CuZnAlGa catalysts: (a) The Cu 2p XPS spectra; (b) The Zn 2p XPS spectra; (c) The Al 2p XPS spectra; (d) The Ga 2p XPS spectra.