

Studies of DeNO_x Catalyst Using CNG and Hydrogen as a Reductant

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In order to remove NO_x in vehicles using CNG and hydrogen as a fuel, HC-SCR catalyst was applied, and fuel itself was used as a reductant. We selected optimized catalyst for HC-SCR and DeNO_x performance was tested at various conditions. The catalyst was characterized with analyzing tools like BET, TPD, XRD, SEM.