

TABLE OF CONTENTS 目 录

The Development History and Research Progress of Unleaded Aviation Gasoline in America (美国无铅航空汽油发展历史及研究进展)

H. XIANG, H. LIU, C. DENG, T. ZENG, Z. X. XIA..... 81

Analysis on the Influence of CO₂ Emission and the Current Control Technology (CO₂排放的影响以及现行的控制技术分析)

K. X. LIANG, Y. F. XU, Y. TAN..... 88

Preparation and Characterization of Novel SiO₂ Used in Toothpaste (新型牙膏用 SiO₂颗粒的制备和性能表征)

Y. L. FENG, L. J. CHEN, H. Y. CHEN, X. T. CHEN, A. H. GAO..... 93

Synthesis of Edible Antistaling Agent CTS-cys for Fruits and Vegetables (可食用果蔬保鲜剂 CTS-cys 的合成)

C. K. LI, M. X. LIN, W. FENG, Y. LIU..... 99

Effect of Various Al₂O₃ Supports on CO Hydrogenation Performance over Supported Iron Catalysts (不同载体对 Fe/Al₂O₃ 催化剂 CO 加氢性能的影响)

Z. H. LIU, H. Y. ZHOU, C. C. YU, R. J. LI, C. M. XU..... 108

Research Progress of Falling Film Horizontal Tube Evaporator (水平管降膜蒸发器的研究进展)

J. G. HU, F. WEI..... 118

Advances in Sulfur Resistant Hydrogenation Catalysts (耐硫加氢催化剂研究进展)

Q. PAN, H. H. JIANG, C. QIAN, X. Z. CHEN..... 122

Application of Molecular Simulation in Transition Metal Catalyst (分子模拟在过渡金属催化剂领域的应用)

Q. GAO, Z. G. YAN, S. TANG, Z. L. SONG..... 133