

## TABLE OF CONTENTS 目 录

### Study on Catalytic Combustion of Toluene on Co-Based Catalysts (Co 基催化剂上甲苯催化燃烧的研究)

S. K. WANG, H. PAN, Y. P. MAO, Z. Y. YANG, D. S. ZHANG, Y. MEI..... 299

### Study on the Catalytic Oxidation of Toluene by Mn-Based Supported Catalysts (负载型 Mn 基催化剂催化氧化甲苯的研究)

Z. Y. YANG, H. PAN, Y. P. MAO, S. K. WANG, D. S. ZHANG, L. WANG..... 305

### Extraction of Bromine from Seawater by Air-Blowing Method (利用空气吹出法提取海水中溴素)

W. D. ZHAO, D. Q. RAN..... 313

### Volatile Oil Chemical Constituents Analysis of the *Kunlun chrysanthemum* in Xinjiang (新疆昆仑雪菊挥发油中的化学成分分析)

X. F. GU, Y. P. LI, Z. Z. MENG, S. HUANG, Y. G. QIANG, Q. HE, Z. F. GENG..... 317

### Effect of Nano-Iron-Based Catalysts on Low-Rank Coal Pyrolysis Products and Reaction Kinetics (纳米铁基催化剂对低阶煤热解产物及反应动力学的影响)

M. L. REN, X. M. MA, J. CHEN, C. Y. FENG, Q. X. MA, H. FAN..... 324

### Study on Water Purification Performance of Polyaluminum Chloride Flocculant (聚合氯化铝絮凝剂净水性能研究)

N. N. LI, M. M. CHENG, X. XU..... 333

### Preparation of Polylactide/Hydroxyapatite Nanocomposites by Melt Blending (熔融共混法制备聚乳酸/羟基磷灰石纳米复合材料)

J. WANG, X. LI, C. Q. LI, Y. Y. LV, Q. Y. JIN, Q. C. QUE..... 337

### Study on TLC Identification and HPLC Fingerprint of *Adenophora radix* (南沙参 TLC 鉴别和 HPLC 指纹图谱研究)

L. H. LU, X. Z. YANG..... 343

### Naphtha Recombination for the Production of High-Quality Catalytic Reforming and Ethylene Cracking Feed (抽提重组石脑油用于生产优质催化重整及乙烯裂解原料)

S. L. GAO, L. S. TIAN, W. C. TANG, M. ZHAO..... 349