

TABLE OF CONTENTS

目 录

新型相变溶剂捕集二氧化碳相关研究进展

Research Progress of Carbon Dioxide Capture by Novel Biphasic Solvents

高歌, 李蔷薇, 王茹洁.....115

浅析危险化学品污染水处置技术发展现状

The Development of Hazardous Chemicals' Polluted Water Treatment Technology

秦汉强, 齐丽红, 刘星明, 杨金星, 左国民.....120

过渡金属低温催化挥发性有机物(VOCs)性能研究进展

Research Progress on the Performance of Transition Metal Catalyzed Volatile Organic Compounds (VOCs) at Low Temperature

李一林, 汪黎东, 刘鹏.....127

环氧松香基增塑剂的制备及其对聚氯乙烯的性能研究

Preparation of Epoxy Rosin Based Plasticizer and Its Properties in PVC

刘城鸿, 黄燕, 韦炜, 马利升, 王嘉杰, 关智森, 梁成超, 杨富杰, 李侨光.....132

基于原位红外技术的 $\text{Co}_3\text{O}_4/\text{CeO}_2$ 催化剂低温催化甲苯研究

Study on Low-Temperature Catalysis of Toluene with $\text{Co}_3\text{O}_4/\text{CeO}_2$ Catalyst Based on *In-Situ* DRIFT Technology

李一林, 汪黎东, 刘鹏.....141

制备条件对 $\text{MoNiFe}/\text{Al}_2\text{O}_3$ 催化剂性质和性能的影响

The Effect of Preparation Conditions on Properties and Performance of $\text{MoNiFe}/\text{Al}_2\text{O}_3$ Catalyst

金浩, 朱慧红, 杨光, 刘璐, 吕振辉, 时一鸣, 杨涛.....147

生物质电厂飞灰吸附脱 Cd 性能及动力学研究

Adsorption and Kinetic Characteristics of Cd Removal by Fly Ash from Biomass Power

赵嘉琪, 史昌明, 佟敏, 秘立鹏, 王体朋.....154

氢氧化镁对铕离子的吸附研究

Study on Adsorption of Europium Ion by Magnesium Hydroxide

周瑞, 刘朋, 邓苗.....162

煤辅助油页岩高效热解过程热力学和经济分析

Thermal and Economic Analyses of Coal-Assisted Oil Shale for High Efficient Pyrolysis Process

蒋清梅, 廖明佳, 宋春雨, 姜思维.....170

含铝催化剂对丙酮的催化氧化研究进展

Advances in Aluminum-Containing Catalysts for the Catalytic Oxidation of Acetone

朱焯婷, 蔡节奎, 蔡雯薇, 林毓辉, 陈渠甲.....178