

## TABLE OF CONTENTS

## 目 录

|                                                                                                                                                                         |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| <b>Thermodynamics for the Separation of CO<sub>2</sub>-N<sub>2</sub> Mixtures by Zeolite MFI</b><br>(MFI 型沸石分离 CO <sub>2</sub> -N <sub>2</sub> 混合物的热力学研究)               |    |
| L. J. LU, X. C. WU, D. FU.....                                                                                                                                          | 61 |
| <b>Study of ICP-MS Detection about Trace Elements and Noble Metal Elements in Sulfides</b><br>(硫化物矿物中多组分元素 ICP-MS 测定方法研究)                                               |    |
| H. Y. ZHANG, L. SU, H. QIN, J. LI, Y. G. LI, X. LI.....                                                                                                                 | 67 |
| <b>Synthesis of Acidic Ionic Liquids and Catalysts Application of Benzaldehyde Acetal</b><br>(酸性离子液体的合成及催化缩醛反应的应用)                                                      |    |
| W. X. LUO, J. B. WANG.....                                                                                                                                              | 73 |
| <b>Preparation and Characterization of Superabsorbent Kaolin/Polyvinyl Alcohol (PVA) Composites</b><br>(高吸水性高岭土/聚乙烯醇复合材料的制备及表征)                                         |    |
| J. J. SHI, C. L. LI, N. MA, W. P. LIAO, T. C. CHIANG, W. ZHOU, F. C. TSAI, T. JIANG.....                                                                                | 79 |
| <b>The Synthesis and Properties of UV Curable Waterborne Polyurethane Modified by Organosilicon</b><br>(有机硅改性水性 UV 聚氨酯的合成与性能)                                           |    |
| W. Y. LI, Y. M. CAO, X. Q. ZHOU.....                                                                                                                                    | 84 |
| <b>Experimental Study on Simultaneous Denitrification and Desulphurization by <i>Thiobacillus denitrificans</i> in Bio-Trickling Filter</b><br>(生物滴滤塔内脱氮硫杆菌同时脱硫脱硝的实验研究) |    |
| C. J. DONG, X. SONG, Y. QI, H. B. LI, Y. GE, B. CHAI.....                                                                                                               | 91 |