

## TABLE OF CONTENTS

## 目 录

<b>Instantaneous Gelatination of Silk Fibroin Solution</b> (丝素溶液的瞬时凝胶化)	
Y. Y. SHEN, S. SUN, F. ZHANG, S. Z. LU.....	187
<b>Research Progress and Production Status of Ultra-High Molecular Weight Polyethylene Fiber</b> (UHMWPE 纤维研发与生产现状)	
L. WANG, M. H. MIN, J. G. SHI, Y. L. LIU, X. L. CHEN, G. Y. LE, J. B. GONG.....	192
<b>Theoretical Study on the Interaction between the M(II)/Al-LDH(M=Zn, Mg) Layer and the Interlayer Anion 1-Anilinonaphthalene-8-Sulfonate (1,8-ANS)</b> (M(II)/Al-LDH(M=Zn, Mg)层板与 1,8-ANS 客体分子相互作用的理论研究)	
C. Y. ZHAO, H. YAN.....	199
<b>Advance in the Catalysis of Hexaaluminate Compound</b> (六铝酸盐催化剂的研究进展)	
F. F. ZHANG, L. LI, K. ZHANG.....	206
<b>Ni-Doped <math>\text{Li}_{1.15}\text{Mn}_{2-x}\text{Ni}_x\text{O}_4</math> as Cathode Material for Lithium-Ion Battery</b> (Ni 掺杂锂离子电池正极材料 $\text{Li}_{1.15}\text{Mn}_{2-x}\text{Ni}_x\text{O}_4$ 的改性)	
J. WANG, Y. C. LIU, Y. LI.....	211
<b>Technical Analysis about the Inventive Step in Patent Examination in Material Science Field</b> (材料科学领域专利审查时有关创造性判断的技术分析)	
C. X. MA, Y. B. XUE, Z. Y. WANG, H. PAN.....	216
<b>Study on Electrochemical Preparation and Thermo-Electronic Performance of n-Type PbTe Nanoplates</b> (n-型碲化铅纳米片的电化学制备及其热电性能研究)	
S. Q. MIAO, Y. L. JIN, Y. S. LI, J. W. MIAO, C. W. GE.....	222
<b>Ethylene Glycol-Assisted Synthesis of <math>\text{LiFePO}_4</math> by Traditional Solid-State Method</b> (乙二醇辅助固相法合成 $\text{LiFePO}_4$ )	
Y. LI, Y. C. LIU, J. WANG.....	230
<b>Study on High-Performance Plastic Glulam Puzzle by Corn Starch</b> (玉米淀粉为原料制备高性能集成材拼板胶的研究)	
G. H. LI.....	236
<b>Study on Preparation and Biocompatibility of Mn-Zn Ferrites</b> (Mn-Zn 铁氧体的制备及生物相容性研究)	
H. J. ZHAO, J. W. FAN.....	239