

## TABLE OF CONTENTS

## 目 录

**Comparative Study on Physical Properties of Different Tissue-Derived Collagen Biomaterials**  
**(不同组织来源的胶原蛋白生物材料物理性能对比研究)**

L. L. XIA, Y. CHEN, F. M. MEN, Y. ZHANG, W. CHEN, X. L. ZHENG, H. Q. WANG, J. H. ZHANG, H. R. LIU, B. ZHAO.....431

**A Study on Interfacial Shear Stress for Carbon Nanotube Composites**  
**(碳纳米管复合材料的界面剪切应力研究)**

M. GAO, L. C. BIAN, J. PAN, W. LIU, S. R. MENG.....440

**Investigation on Magnetic Pulse Welding Properties and Interface Microstructure  
of Aluminum Steel**  
**(铝钢磁脉冲焊接性能及界面微观组织研究)**

C. Z. WEI, G. QU, Z. D. XU.....450

**Study on Non-Metallic Inclusion Behavior in Continuous Casting Process of Electrical Si-Steel**  
**(电工硅钢连铸过程中非金属夹杂物行为研究)**

M. YANG.....456

**Synthesis of a Novel Two Dimensional Material: Mxene**  
**(新型二维层状材料 MXene 的制备方法研究)**

Y. N. MA, C. K. ZHANG, X. LUO, W. LI.....463

**Study of Structure and Melting for  $(\text{AgCo})_{561}$  Nanoclusters during Heating Process**  
**((AgCo)<sub>561</sub> 团簇升温过程中结构与熔化研究)**

X. Y. XIAO, R. P. CHEN.....469

**Synthesis and Application of Magnetic Reso-Nance Imaging of  $\text{Cu}_2\text{CoSnS}_4$  Nanoparticle**  
**(铜钴锡硫纳米晶的制备及核磁共振成像应用)**

Y. YANG, C. Z. OU, T. L. LIU, C. H. FU, L. F. TAN, Z. L. WANG, X. W. MENG.....477

**Studies on the Technique of Separation of Iron from a Leaching Solution  $\text{RFCO}_3$**   
**(从  $\text{RFCO}_3$  一次浸液中分离铁的工艺研究)**

S. L. QING, W. M. ZHANG.....482

**The Ray Method Applied to Quantitative Analysis of Ternary Phase Diagram**  
**(用射线法定量分析三元相图)**

Q. C. FAN, J. C. KANG.....492

**The Experimental Research of Marine Engineering Magnesia-Phosphate Cement  
for Emergency Repair**

(应急抢修用海工磷酸盐胶凝材料试验研究)

J. B. JIANG, Q. B. ZHANG, Y. Y. LAI.....501

**Studies on Preparation and Properties of Silver Coated Nickel Powder**

(银包镍粉的制备及其性能研究)

C. X. WANG, B. JIANG, K. Y. WANG, S. Q. SONG, G. Q. CHEN.....507

**Study on the Raman Spectra of a New Type Gysgg Radiation Resistant Crystal**

(新型抗辐射 GYSGG 晶体的 Raman 光谱研究)

Z. Q. FANG, D. L. SUN, J. Q. LUO, H. L. ZHANG, X. Y. ZHAO, C. QUAN, L. Z. HU, M. J. CHENG, Q. L. ZHANG, S. T. YIN.....515