

## TABLE OF CONTENTS

### 目 录

#### **Numerical Simulation of the Effect of SLM Scanning Path on Aluminum/Magnesium Laminated Composites**

(SLM 扫描路径对铝/镁层状复合材料影响的数值模拟)

G. C. XU, X. D. DAI, Y. YANG, Y. S. LI.....59

#### **Study on the Effect of Curing on the Soft Magnetic Properties of Nanocrystalline Core**

(固化对纳米晶磁芯软磁性能影响的研究)

S. S. REN, C. Y. GUO, X. J. XU, X. A. LU, N. R. KWESI, X. H. YANG, Y. Z. FANG.....68

#### **The Nano-Diamond Lubricant of Excellent Performances**

(性能优异的纳米金刚石润滑油)

W. G. ZHANG, S. D. ZHANG.....81

#### **Research Progress of Improvement of Emission Properties in GaAs Film**

(GaAs 薄膜发光改性研究进展)

W. XIAO, H. M. JIA, J. L. TANG, D. FANG, X. FANG, X. W. WANG, D. K. WANG, Z. P. WEI, X. H. WANG.....89

#### **Near-Surface Distribution of No-Metallic Inclusion in Continuous Casting Slab of Ultra-Low-Carbon Steel**

(超低碳钢连铸板坯近表面非金属夹杂物分布)

P. FEI, Y. MIN, C. J. LIU, M. F. JIANG.....98

#### **The Research Advances on Paramagnetic Nanomaterials for T<sub>1</sub> MRI**

(顺磁性纳米材料用于 T<sub>1</sub> 核磁共振成像的研究进展)

C. Y. XIANG, W. YAN.....104

#### **Studies of the Adsorption Properties of Methylene Blue onto GO/Soybean Curd Composites**

(氧化石墨烯/豆腐复合材料吸附亚甲基蓝的研究)

Z. ZHANG, Y. H. LI, Q. LI, Q. J. DU, K. Y. SUI, D. C. WANG, C. P. WANG, H. L. LI, Y. Z. XIA.....111