

## TABLE OF CONTENTS

### 目 录

#### Development and Application of Carbon Fiber Materials

(碳纤维材料的发展及应用)

J. Z. SHI, F. J. HE, J. ZHANG, D. H. WANG, J. YANG.....965

#### HPM Shielding Effectiveness of the Fire Retarded Nickel-Plated Carbon Fiber Composites

(阻燃型镀镍碳纤维复合材料的高功率微波防护性能研究)

F. Q. WANG, Z. M. GUO, J. D. ZHANG, P. LIU, Y. LIU, D. H. WANG.....968

#### Preparation of All-Solid-State $Sb_2S_3$ Sensitized $TiO_2$ Nanorod Array Solar Cells by Chemical Bath Deposition Method

(化学浴制备全固态  $Sb_2S_3$  敏化  $TiO_2$  纳米棒阵列太阳能电池研究)

Y. XU, K. LV, C. F. MA, C. YING, C. W. SHI.....974

#### Study on the Properties of C and Mn Elements for BTW Medium Manganese Steel

(C 和 Mn 元素对 BTW 型中锰钢性能研究)

J. X. WANG, X. LI, Y. Z. MA.....980

#### Research on Microstructure Characterization for PVDF Diaphragm Based on Ultra Low Voltage Imaging (ULVI) Technology

(基于 ULVI 技术的 PVDF 隔膜显微结构表征研究)

Y. Y. JI, C. Y. NI, X. K. DING, Q. ZHANG.....988

#### Adsorption of Nickel Ion by Magnetic Graphene Oxide in Wastewater

(磁性氧化石墨烯对水中镍的吸附研究)

H. H. CHEN, S. H. HUANG, J. C. HU.....997

#### Preparation of Low Frequency Electromagnetic Protection Material Based on Nickel-Plated Carbon Fiber and Performance Studies

(基于镀镍碳纤维的低频电磁防护材料制备及性能研究)

F. Q. WANG, P. LIU, Z. M. GUO, J. D. ZHANG, Q. L. SU, Y. LIU, J. J. FAN, D. H. WANG.....1002

#### The Wear Behavior of High-Entropy Alloy Particles Reinforced Titanium Alloy Composite

(高熵合金颗粒增强钛合金复合材料摩擦磨损行为研究)

J. W. QIU, Z. F. FU, D. PAN, Y. SHU, J. H. YAN, Z. Y. DUAN, W. H. LI.....1007