

TABLE OF CONTENTS

目 录

Au/g-C₃N₄ 复合材料光催化降解亚甲基蓝**Photocatalytic Degradation of Methylene Blue by Au/g-C₃N₄ Composites**

王泽彬, 李景明, 石嘉琳, 李帅, 连晓雪227

左旋多巴表面接枝溶菌酶构建抗菌涂层的研究**Construction of Antibacterial Coating by Grafting Lysozyme onto Levodopa Surface**

施杰源, 张江铃, 魏嘉佳, 杨志禄, 熊开琴237

电参数对 7075 铝合金微弧氧化膜层粗糙度的影响**Effect of Electrical Parameters on Roughness of Micro-Arc Oxidation Film of 7075 Aluminum Alloy**

张纪磊, 柴永生, 金靓婕, 梁小蕊, 卫尚涛, 刘咪247

基于酚胺化学构建生物抗污涂层的研究**Phenolamine Chemistry for the Construction of Biofouling Resistant Coatings**

张江铃, 施杰源, 王星浩, 孟昊天, 李鹏程, 杨志禄, 熊开琴259

RFe₁₂ 基稀土永磁材料的研究进展**Recent Advances in RFe₁₂-Based Permanent Magnets**

郭家瑞, 王亚娜, 宋文鹏, 郑立允, 黄光伟269

层状钴钌氢氧化物纳米锥的合成及电催化性能研究**Synthesis and Electrocatalytic Properties of Layered Cobalt-Ruthenium Hydroxide Nanocones**

张子涵283

胶粉/SBS 复合改性沥青工程应用研究**Study on Engineering Application of Rubber Powder/SBS Composite Modified Asphalt**

孙立君296

非晶合金 Fe-B-P 的制备及吸波性能研究**Preparation and Microwave Absorption Properties of Amorphous Alloy Fe-B-P**

贾启才, 曾庆轩, 乔小晶307

负性黑色光刻胶光刻工艺参数的优化研究**Research on Optimization of Photolithography Process Parameters for Negative Black Photoresist**

王岩, 李杰欣, 杨亮316

15 吋电加热屏蔽玻璃的制备及性能研究**Preparation and Properties of 15 Inch Electric Heating Shielding Glass**

吕德涛, 李思远, 许晓丽, 张凝玉, 孙继伟325

就地热再生技术在路面养护工程中的应用研究**Research on the Application of Hot In-Place Recycling Technology in Pavement Maintenance Engineering**

赛志毅, 张忠, 徐书东, 董昭, 柳久伟.....333

Sn 掺杂 Cs₂AgBiCl₆ 纳米晶的制备及其光学性能研究**Preparation and Optical Properties of Sn-Doped Cs₂AgBiCl₆ Nanocrystals**

夏悦, 戢威, K. P. Homewood, 高云.....341

硫化钒/石墨烯基锂硫电池正极材料电化学性能研究**The Study on the Electrochemical Performance of Lithium-Sulfur Battery Cathode Based on Vanadium Sulfide/Reduced Graphene Oxide**

贾蓓蓓, 朱基亮.....352

20 号钢管在高氧/高硫环境中的腐蚀机理**Corrosion Mechanism of 20# Steel Pipe in High Oxygen/High Sulfur Environment**

齐艳飞, 王程昊, 刘建涛, 张娜, 张妍.....362

电镀制备金属铋负极材料的性能研究**Study on Properties of Bismuth Negative Electrode Material Prepared by Electroplating**

郑博文, 朱基亮.....366

发泡造孔法制备粉煤灰基多孔地质聚合物**Preparation of Fly Ash-Based Porous Geopolymer by Foaming Pore-Making Method**

马韬, 张尚生, 徐淑曼, 潘宇量, 郭天丽, 姚尧.....375

碳纳米管/羰基铁复合材料电磁性能的研究**Study on the Carbon Nanotube/Carbonyl Iron Composites**

张存瑞, 米玉洁, 王喆, 张小刚, 鞠军燕, 张贵恩.....381

不同锂源制备及 ZnO 包覆改性 LiNi_{0.8}Co_{0.1}Mn_{0.1}O₂ 正极材料性能研究**Study on Performances of LiNi_{0.8}Co_{0.1}Mn_{0.1}O₂ Cathode Materials Prepared from Different Lithium Sources and Coated Modification of ZnO**

李奕达, 朱基亮.....386

镍铁氢氧化物中空纳米管电催化析氧性能研究**Electrocatalytic OER Performance of Nickel-Iron Hydroxide Hollow Nanotubes**

李清影, 郑志成.....396

海洋平台用 EH460 钢热变形行为研究**Study on Hot Deformation Behavior of EH460 Steel for Offshore Platform**

脱臣德, 罗登, 肖大恒, 张勇伟, 武会宾.....409