

TABLE OF CONTENTS

目 录

Study on the Preparation and Process of the Sample of Red Mud-Fly Ash Baking-Free Brick (赤泥 - 粉煤灰免烧砖试样制备及工艺研究)	
W. J. JI, Y. LIU.....	1
Evaluation of Genotoxicity and Repair of DNA Damage in a Novel Copper-Containing Contraceptive Composites (新型含铜避孕复合材料的遗传毒性评估及体内 DNA 损伤修复)	
X. G. WANG, N. FANG, C. C. CAO, S. M. XIE, J. P. SUO, X. B. HUANG.....	9
A New Design on Coating Formulation with High Reflectivity (一种较高反射率的涂料配方方法设计)	
X. M. WANG, H. N. LIU, H. WANG, Y. WAN.....	18
Preparation of Optical Thin Film by Hybrid-Low Temperature Plasma Surface Modification of Tellurium-Dioxide Crystal (二氧化碲晶体混合低温等离子体表面改性技术制备光学薄膜)	
Y. G. PAN, X. H. FU, C. ZHANG.....	25
Effect of Heat Treatment on Microstructure and Properties of 3005 Aluminum Alloy (热处理对 3005 铝合金组织与性能的影响)	
W. ZHANG, L. Q. WU, Q. L. CHEN, J. J. PAN.....	32
Optimization Research on Design Method of Cold Recycled Asphalt Mixtures in Highway Reconstruction and Expansion (高速公路改扩建中乳化沥青冷再生混合料设计方法优化研究)	
Z. DONG, N. WANG, Y. ZHANG, S. L. ZHANG, Q. SUN.....	36
Study of Thermal-Protective Multilayer Films on Flexible Substrate by ToF-SIMS and Rf-GDOES Depth Profiling (利用 ToF-SIMS 和 Rf-GDOES 深度剖析技术研究柔性衬底上的隔热多层膜)	
K. LV, G. ZHOU, Y. P. YU, Y. P. LIU, J. Y. WANG, C. K. XU.....	45
Survey on Generation Mechanism and Healing Behavior of Internal Crack for Continuous Casting Slab (连铸板坯内部裂纹产生机理及愈合行为研究综述)	
M. Y. FENG, B. WANG, L. G. SUN, M. LEI, G. J. HUO.....	54
Analysis on Deviation and Necking Formula between the Elongation & Reduction I (关于收缩率和延伸率间偏差和颈缩分析 I)	
R. XU, S. G. LIM.....	62

Development and Application of Phosphogypsum in Plasterboard (磷石膏的发展及其在石膏板中的应用)	
Y. LEI, Q. W. ZHU, H. X. CHEN, M. M. WANG.....	69
Study on Preparation and Microstructure and Properties of 5754-O Aluminum Alloy Sheet of Automobile (汽车用 5754-O 铝合金板材制备及组织性能研究)	
W. ZHANG, M. W. ZHAO, G. F. SANG, X. W. CHEN.....	79
Study on the Heat Affected Zone and the Failure Mechanism of Hard Coated Hob (硬质涂层滚刀切削高温区及失效机理研究)	
J. H. PENG, W. CHENG, X. Z. HUANG.....	85
The Study on the Drug Delivery of Galactosylated Histidine Chitosan Nanoparticles (半乳糖修饰组氨酸壳聚糖衍生物靶向给药系统研究)	
S. J. MIAO.....	93
Studies of the Adsorption Properties of Cationic Dyes onto Sodium Alginate/Carboxymethyl Cellulose Porous Aerogel (海藻酸钠/羧甲基纤维素多孔气凝胶吸附阳离子染料性能的研究)	
W. L. ZHANG, Y. Z. XIA, Y. G. GUI, M. W. TANG.....	104