

TABLE OF CONTENTS

目 录

Research on Welding Properties of Al-Mg Alloy Welding Wire Containing In (含 In 的 Al-Mg 合金焊丝焊接性能研究)	
B. Y. HOU, Y. J. ZHAO, C. Y. ZHOU, M. K. XIE, Z. L. HU.....	189
Effects of PLA on the Mechanical Properties of PBAT/Wood Flour Composites (PLA 对 PBAT/木粉复合材料力学性能影响)	
X. Y. LIANG, X. X. ZHANG, Y. X. JIANG, X. X. SHI, Y. JIANG, Y. J. ZHAO, W. D. WU, Y. S. YANG, J. B. SONG.....	196
Preparation of Ag₃VO₄/ZnO Composites and Their Photocatalytic Activities (Ag ₃ VO ₄ /ZnO 复合催化剂的制备及其光催化性能)	
J. X. CHEN, Z. Q. LI, J. K. CHEN, J. S. LIU.....	202
Fatigue Characterization of Comeld Joints (电子束毛化连接件疲劳特性分析)	
P. P. BAO, W. LI, W. C. SUN.....	210
Research Progress of Tumor Microenvironment-Sensitive Nano Drug Delivery Systems (肿瘤微环境敏感性纳米给药系统的研究)	
C. X. ZENG, R. LI, P. ZHANG, Y. HE, Y. L. YIN, H. WANG, Y. LIU.....	218
Development of Dual-Band Filter with 1064 nm/1320 nm in Laser Assisted Liposuction (激光辅助融脂中 1064 nm/1320 nm 双通道带通滤光膜的研制)	
Y. G. PAN, C. ZHANG, X. H. FU.....	225
Effect of Protonation on the Photocatalytic H₂ Evolution Performance of Ni(OH)₂/g-C₃N₄ Composite (质子化对 Ni(OH) ₂ /g-C ₃ N ₄ 复合材料光催化析氢性能的影响)	
Y. CHENG, Y. WANG, X. H. XIA, K. P. HOMEWOOD, Y. GAO.....	233
Adsorption Performances of the Pure Liquid of Benzenes and Alcohols onto Silica Aerogel and the Microstructure Changes (硅气凝胶对苯系物和醇的吸附性能及微观结构变化)	
N. ZHAO, H. J. XIAO, Y. Q. PAN, J. MA, J. ZHAO, Y. P. JIA, L. H. ZHANG, Y. ZHAO, G. S. CHENG, Z. M. ZHENG, X. Y. HU, C. Q. DONG, X. Q. WANG.....	243
Preparation and Properties of Hydrophobic Alginate Based Aerogels (疏水型海藻酸钠基气凝胶的制备及性能研究)	
M. W. TANG, B. HUI, M. YANG, Y. G. GUI, W. L. ZHANG, B. B. WANG.....	249
Study on Application of Vacuum Foaming in Refrigerator (负压发泡在冰箱上的应用研究)	
F. HU, L. J. CAO, B. LI, L. LIU.....	257

Investigation of Preparation and Modification of Economical Ceramic Proppant Made from Coal Fly Ash

(粉煤灰基经济型陶粒支撑剂的制备与改性研究)

Y. ZHOU, C. X. LI, S. ZHANG, W. K. YE, H. K. HAO, K. Y. WANG, G. M. LI, Y. M. TIAN, Y. S. CHAI, P. B. BAI.....264

Study on Adsorption Properties of Cellulose Nanocrystals Modified Algae Fiber

(纤维素纳米晶改性海藻纤维的吸附性能研究)

X. F. GUAN, R. LI, X. M. MA.....271

Preparation and Luminescent Properties of Eu³⁺ Doped Gd₂O₃-SiO₂ Nanocomposites

(Eu³⁺掺杂 Gd₂O₃-SiO₂ 纳米复合材料制备与荧光性能研究)

M. J. LIAN, J. H. CHEN, X. YANG, X. J. ZHANG, T. T. WANG, W. LI.....280

Several Problems in Test of Mechanical Connection of Composite Materials

(复合材料机械连接静力/疲劳试验中若干问题)

P. P. BAO, Y. L. QIAO, F. X. FENG, W. SHEN.....289