

TABLE OF CONTENTS

目 录

Quantitative Analysis of Mn, Cd and Cu Elements in Aqueous Solution Based on LIBS Technology (LIBS 技术对水溶液中 Mn、Cd 和 Cu 元素的定量分析研究)	
J. Z. LU, J. H. LIU, M. L. LI, X. GAO.....	103
Research Progress on Chalcogenide Nanowire-Based Phase-Change Random Access Memories (基于硫系化合物纳米线相变存储器的研究进展)	
Y. H. TIAN, M. ZHANG, K. X. CHEN, H. B. LU.....	110
The Research of SPP Mode Based on Metallic Grating Structure (基于金属光栅结构的 SPP 模式的研究)	
Y. L. YUN, P. F. CAO.....	118
Thermal Analysis of Micro-Disk Cavity Semiconductor Laser Array (微盘腔半导体激光器阵列热分析)	
J. H. YANG, C. L. YAN, C. PANG, Y. FENG, Y. Q. HAO, H. LI, J. J. ZHANG, Y. Z. YUE.....	125
Study on the Properties of La_{0.7}Sr_{0.3}MnO₃ Nanostructures Induced by Reconstruction of Sapphire Surface (重构蓝宝石表面诱导 La _{0.7} Sr _{0.3} MnO ₃ 纳米结构及其性质研究)	
M. J. WANG, Y. D. JI, H. YANG.....	131
Preparation and Photocatalytic Properties of ZnO Nanorod Arrays/3D Graphene (ZnO 纳米棒阵列/三维石墨烯异质结的制备及光催化性能研究)	
R. PENG, C. Y. YE, H. L. CHEN, J. H. SHENG, M. WANG.....	139
Near-Field Properties of a Single Gold Nanoparticle Placed on Various Substrate Surfaces (置于不同基底表面的单一金纳米粒子的近场特性)	
C. WANG, H. Y. TAO.....	147
Enhancement of Metal Boiling Heat Transfer Performance on Micro-Nano Structure Surface Prepared by Femtosecond Laser (飞秒激光制备微纳结构表面提升金属沸腾传热性能的研究)	
X. SUN, J. Q. LIN.....	153
Effect of Surfaces of Micro-Nano Structures Prepared by Femtosecond Lasers on Motion of Impacting Droplets at Different Temperatures (不同温度下飞秒激光制备的微纳结构表面对撞击液滴运动行为的影响)	
J. GUO, L. XUE, H. Y. TAO.....	161
Manipulating Metal-Insulator Transition in VO₂ Film via Interfaces (界面调控 VO ₂ 薄膜金属-绝缘相变研究)	
Q. YANG, Y. D. JI, H. YANG.....	168