

RCCSE中文OA学术期刊类核心期刊

ISSN: 2160-7567 Volume 14, Number 6, June 2024

Hans 汉斯

# 应用物理

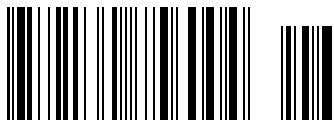
Applied Physics

Ying Yong Wu Li

2024年6月14卷6期



ISSN: 2160-7567



9 772160 756004 06

<https://www.hanspub.org/journal/app>

## TABLE OF CONTENTS

## 目 录

<b>OCT 评估超声介导下表皮真皮层的光学参数变化规律的研究</b> <b>Study on the Variation of Optical Parameters of Ultrasound-Mediated Epidermal Dermis Evaluated by OCT</b>	
张凯, 房文汇, 王玥琳, 王紫来 .....	371
<b>Ho<sup>3+</sup>:YLF 晶体光学制冷的温度场</b> <b>Temperature Field of Optical Refrigeration in Ho<sup>3+</sup>:YLF Crystal</b>	
汪晔 .....	382
<b>多波长泵浦传导冷却激光器的宽温稳定输出</b> <b>Wide Temperature Stable Output of a Multi-Wavelength Pumped Conductively Cooled Laser</b>	
俞嘉威, 王超 .....	390
<b>超低温条件下的 Ho<sup>3+</sup>:YLF 光学制冷性能研究</b> <b>Research on the Optical Refrigeration Performance of Ho<sup>3+</sup>:YLF at Ultra-Low Temperatures</b>	
高晓明 .....	397
<b>端面泵浦 Tm:YAP 自调 Q 激光器输出特性研究</b> <b>Study on Output Characteristics of End-Pumped Tm:YAP Self-Q-Switched Laser</b>	
文光晨, 张新陆 .....	403
<b>氯化钠在双溶剂中的拉曼光谱研究</b> <b>Raman Spectroscopy of Sodium Chloride in Two Solvents</b>	
彭宇, 房文汇 .....	412
<b>纳秒脉冲激光去除铝合金表面氧化膜数值模拟与试验研究</b> <b>Numerical Simulation and Experimental Study of Nanosecond Pulsed Laser Removal of Oxide Film on Aluminum Alloy Surface</b>	
卢珊漫, 王堂皓, 刘瀚琦, 张巍 .....	424
<b>弹性管束外液膜强制诱导波动蒸发换热机理分析</b> <b>Mechanism Analysis of Forced Induced Wave Evaporation Heat Transfer by Liquid Film outside Elastic Tube Bundle</b>	
郭雷, 胡靖 .....	436
<b>兼容 LITMoS 测试的多能级光学制冷模型</b> <b>Universal Modeling Method and Simulation Study of Ho:YLF Multi-Level Optical Refrigeration System</b>	
聂朵 .....	444

<b>基于最小二乘的多维力/力矩传感器线性解耦算法研究</b> <b>Study of Linear Decomposition Algorithms for Multidimensional Force/Torque Sensors Based on Least Squares</b>	
李荟霖, 康雨, 赵保华, 庞广林 .....	452
<b>弹性铰链对汽车风洞天平解耦性能的影响研究</b> <b>The Effect of Elastic Hinges on the Decoupling Performance for Vehicle Wind Tunnel Balance</b>	
赵峰, 张超, 朱喻成, 耿子海, 张治乾.....	462
<b>基于高低阶多项式的风洞收缩段智能设计方法</b> <b>Intelligent Wind Tunnel Contraction Design Based on Coupled High and Low Order Polynomials</b>	
朱喻成, 张惠林, 赵峰, 李松铨 .....	470
<b>红外辐射材料在加热不燃烧(HNB)烟草中的应用研究</b> <b>Research on the Application of Infrared Radiation Materials in Heat-Not-Burn Tobacco Products</b>	
黄婷, 吴聪, 唐良颖, 谭健 .....	481
<b>激光熔覆温度场数值模拟分析</b> <b>Numerical Simulation Analysis of Laser Cladding Temperature Field</b>	
赵骋飞, 王晓飞 .....	489
<b>Cu 和 Cl 掺杂 GaN 光电性质的第一性原理研究</b> <b>First Principles Study on the Optoelectronic Properties of Copper and Chlorine Doped Gallium Nitride</b>	
李萍, 俞利瑞 .....	501
<b>用于 PJMIF 的超快气阀性能表征</b> <b>Performance Characterization of an Ultrafast Gas Valve for PJMIF</b>	
景原通, 刘延斌, Y. C. Francis Thio, 张德雨, 袁东方, 张晓兵.....	508