

TABLE OF CONTENTS

目 录

Design and Implementation of Dual-Spectral Automatic Gun-Aiming System

(双波段自动枪瞄系统方案设计与实现)

H. ZHANG, Z. X. JIANG, B. LIN, W. S. HUA.....27

The Application of 266 nm Ultraviolet Ceramic Laser in Visualization Latent Fingerprints by Reflection

(266 nm 陶瓷激光器反射照相在指纹显现中的应用)

Y. ZOU, Z. K. QIN, X. J. ZHAO, N. B. CAI, X. C. HUANG, S. B. WEN, F. Y. YANG, W. B. LIU.....33

Research of Brain EEG Wireless Radio Transmitter IC System for Wearable Application

(脑电可穿戴无线射频发射芯片系统的研究)

J. H. SUN, J. T. LIU, M. X. WANG, S. W. XU, X. X. CAI.....39

Silicon Substrate Interconnection Circuit Design

(硅基片上光互连电路设计)

X. TANG, R. S. FAN, Z. F. MA, K. K. XU, Q. YU.....47

Resistance Characteristics Based on TiO₂ Nanotube at Low Temperature

(TiO₂ 纳米管光电材料在低温下的阻变特性研究)

Y. CHEN.....54

Discussion of Development Ideas of New System Laser Radar

(新体制激光雷达发展思路探讨)

F. P. ZHANG, C. C. WANG, Y. H. XING, Y. B. ZHANG.....59

The Application Situation of Femtosecond Laser in Biology

(飞秒激光在生物学方面的应用情况)

Z. J. WU.....66

Research Progress on Laser Induced Breakdown Spectroscopy

(激光诱导击穿光谱技术研究进展)

X. H. LIU, D. TIAN, Y. X. CAI, Y. T. QIN.....75

Study on the Distortion of the Shape of Mach-Zehnder Interference Fringes

(马赫 - 曾德干涉条纹形状畸变研究)

D. L. LIAO, Z. LI, Y. LIU.....82

Low-Noise Readout Circuit for Sensitive Array Terahertz Radiation Detectors

(高灵敏太赫兹阵列检测器的低噪声读出电路)

Y. F. PEI, C. WAN, Z. JIANG, X. C. TU, P. XIAO, C. T. JIANG, L. KANG.....92

Research of Gradient Refractive Index Lens

(梯度折射率透镜的研究)

M. L. ZHANG, H. ZOU.....101