

TABLE OF CONTENTS

目 录

倾斜长周期光栅级联谱特性及折射率传感研究 Cascade Spectrum Characteristics and Refractive Index Sensor of Long Period Tilted Grating 李宁伟.....	113
基于物联网的某型全动模拟机减速板故障监控 Fault Monitoring of Speed Brake for a Certain Type Full Flight Simulator Based on the Internet of Things 张云水, 黄维广, 刘磊, 凌广艺, 邓学星.....	122
2 μm 工作波长下氮化硅槽波导特性研究 Characteristics of Silicon Nitride Slot Waveguide at a Wavelength of 2 μm 孙媛媛, 李政, 钟咏兵, 陈丹强.....	128
基于 NB-IoT 的室内测温插座系统 Indoor Temperature Measuring Socket System Based on NB-IoT 王学鹏, 徐涛, 刘新宇.....	137
2 μm 工作波长下高非线性氮化硅槽波导研究 High Nonlinear Silicon Nitride Slot Waveguide at a Wavelength of 2 μm 孙媛媛, 李政, 孙宝东, 肖树臣.....	150
基于金属化处理的 FBG 温度增敏研究 Temperature Sensitization of FBG Based on Metallization 翟媛媛.....	158
基于智能手机压电基片上目标微液滴实时跟踪研究 Real-Time Tracking a Droplet on a Piezoelectric Substrate Using a Smartphone 章安良.....	166
基于 NDO 与 IWOA-FOPID 的送标器张力控制 Tension Control of Label Feeder Based on NDO and IWOA-FOPID 卢豆豆.....	173
大型主变压器强制油循环风冷系统不间断电源改造 Improvement of Large Main Transformer Forced Oil Circulation Air Cooling System on Uninterrupted Power Supply 郑权国, 胡龙军, 钟著辉, 刘星, 张斌, 杨毅.....	186

水声换能器研究现状与发展

Progress and Development of Underwater Acoustic Transducer

吴锐锋, 王一博, 胡童颖, 崔廷放.....194

基于故障树的锂电池模组生产线故障诊断专家系统研究

**Research on Fault Diagnosis Expert System of Lithium Battery Module Production Line
Based on Fault Tree**

金明月, 陶为戈.....202