

计量与测试技术

METROLOGY & MEASUREMENT TECHNIQUE



HAPPY
NEW YEAR

新年 新目标
元塑新年 福满遂愿



中国学术期刊(光盘版)入选期刊
中国学术期刊全文数据库全文收录期刊
中国学术期刊综合评价数据库统计源期刊
万方数据——数字化期刊源期刊
中国科技核心期刊数据库源期刊
中国核心期刊(遴选)数据库源期刊
万方数据

第 50 卷
总第 368 期
2023
01

计量与测试技术

Metrology & Measurement Technique

计测科研与应用

- 1.氢能源氢气传感器可靠性试验研究 史苏娟 王瑞 耿彦红 董亮华 徐春
- 4.基于等体积质量的重水浓度测量方法研究 姚勇 文明 李佩龙 胡俊
- 7.车载氢气传感器静态法检测装置 董亮华 耿彦红 王瑞 顾炎
- 10.水分接收器容量校准方法研究 岳娜 温荣 马莉萍
- 13.多轴运动机械臂及定位装置在热电偶自动检校领域的应用方案探究 肖晖 史凌云 孙标 邵以兵
- 17.用光栅测长机测量拉绳位移传感器示值误差的方法探讨 朱记全
- 19.数字化技术在转速变换器计量校准中的应用 高新妮 苏晨 杨云 胡庆红
- 23.金属浴温度参数校准方法研究 吴安平
- 26.基于改进的SAC-IA-SICP点云配准方法研究 田应仲 侯玉琴 李龙 李明 韦庆玥
- 31.能量色散X射线荧光光谱仪校准工作问题探讨 刘莒 张贝贝 卢威 刘福稼 郭佩春
- 34.激光雷达在整机外形检测的应用 周富青 范晓骏 龚婷
- 37.基于DC-SR GAN的钢板表面缺陷样本生成方法研究 李伟鑫 樊蓓蓓
- 41.基于上转换纳米晶体合成玻璃的空间三维投影
..... 罗家浩 高洪跃 刘吉成 戴泽航 宫德维 殷长志
- 44.碳纳米管基电子皮肤研究综述 曹志鹏 袁光杰

医疗计测技术

- 49.连续扫描吸收光谱-紫外分光光度法测定叶黄素片中叶黄素含量 郭新颖 戴志英
- 52.一种新型股骨颈万向空心钉锁定板的设计及力学研究 胡文洁 马之遥 郑晔 黄秀玲
- 55.基于Workbench与Ncode的髌关节置换后股骨疲劳寿命仿真分析 刘全锋 刘宏月
- 58.上肢镜像康复机器人控制策略研究 方红瑞 郭帅 费思先
- 63.医用二氧化碳培养箱二氧化碳浓度计量性能验证方法 徐含青 刘秀丽 胡雅坤 孙欣蓉

65.高寒环境下红外额温计的使用探讨 龙存林 陈岳蓉 雷迪 张宏涛 赵志杰 任戢

69.基于运用ProSim 8型生命体征模拟器进行数字心电图机质控检测的研究与实践
..... 劳婉仪 肖翔 黄劲 陈远鹏

75.骨盆周围肌肉力对骨盆生物力学的研究 陈浩

计量监督管理

79.计量赋能氢能产业高质量发展的思考 黄雪莲 王军 裴丹妮

82.JJF 1261.5-2017《自动电饭锅能源效率计量检测规则》在应用中存在的问题分析
..... 李铭 梁琦 李淑斌

85.省属科研机构科研管理工作探讨 张丽琴

88.如何理解ICRP第103号出版物的放射防护建议 王家伟

92.军事装备计量保障体系探究 贺子杰 潘继飞 郭林青 熊敬伟

误差与不确定度

96.总有机碳分析仪校准用标准物质的研制及不确定度分析 张明婷 朱培娟 黄成浩 季红梅

101.望远镜式测距仪示值误差的测量不确定度评定 许江涛

103.降水现象仪期间核查方法及不确定度评定研究 陈立峰 赵勇 黄磊 范雯杰

108.机动车雷达测速仪检定方法探究及不确定度评定 谢孟龙

112.检波器测试仪示值误差的测量不确定度评定 李国栋 黄德友

115.轮廓仪测量螺纹中径结果的不确定度评估 陈祥春

119.在线pH(酸度)计校准结果的不确定度评定 田丹

信息动态

78.为什么水表计量会出现误差? 如何解决水表误差?

122.《计量与测试技术》投稿须知

Research and Application of Measurement

- Experimental Study on Reliability of Hydrogen Sensor for Hydrogen Energy SHI Sujuan WANG Rui GENG Yanhong DONG Lianghua XU Chun(1)
- Study on the Measurement Method of Heavy Water Concentration Based on Equal Volume Mass YAO Yong WEN Ming LI Peilong HU Jun(4)
- Vehicle-mounted Hydrogen Sensor Static Method Detection Device DONG Lianghua GENG Yanhong WANG Rui GU Yan(7)
- Research on the Calibration Method of Moisture Receiver Capacity YUE Na WEN Rong MA Liping(10)
- Research on Application Scheme of Multi-axis Mechanical Arm and Positioning Device in Thermocouple Automatic Calibration XIAO Hui SHI Lingyun SUN Biao SHAO Yibing(13)
- Inquiry into the Method of Measuring Pulling Rope Displacement Sensor Indication Error Based on Length Measuring Grating Machine ZHU Jiquan(17)
- The Application of Digital Technology in the Measurement Calibration of the Speed Converter GAO Xinni SU Chen YANG Yun HU Qinghong(19)
- Research on Calibration Method of Metal Bath Temperature Parameters WU Anping(23)
- Research on Point Cloud Registration Method Based on SAC-IA-SICP TIAN Yingzhong HOU Yuqin LI Long LI Ming WEI Qingyue(26)
- Discussion on Calibration of Energy Dispersive X-ray Fluorescence Spectrometer LIU Yi ZHANG Beibei LU Wei LIU Fujia GUO Peichun(31)
- Application of Lidar in Overall Machine Shape Detection ZHOU Fuqing FAN Xiaojun GONG Ting(34)
- Research on Sample Generation Method for Steel Plate Surface Defects Based on DC-SR GAN LI Weixin FAN Beibei(37)
- Three-dimensional Spatial Projection of Glass Synthesized by Upconversion Nanocrystals LUO Jiahao GAO Hongyue LIU Jicheng DAI Zehang GONG Dewei YIN Changzhi(41)
- Review of Carbon Nanotube-based Electronic Skin Research CAO Zhipeng YUAN Guangjie(44)

Medical Meter Technology

- Determination of Lutein in Lutein Tablets by Continuous Scanning Absorption Spectrometry UV Spectrophotometry GUO Xinying DAI Zhiying(49)
- Design and Mechanical Study of a New Type of Femoral Neck Universal Hollow Screw Locking Plate HU Wenjie MA Zhiyao ZHENG Ye HUANG Xiuling(52)
- Simulation Analysis of Femur Fatigue Life After Hip Arthroplasty Based on Workbench and Ncode LIU Quanfeng LIU Hongyue(55)
- Research on Control Strategy of Upper Limb Robot in Mirror Rehabilitation FANG Hongrui GUO Shuai FEI Sixian(58)
- Verification Method of Carbon Dioxide Concentration Measurement Performance of Medical Carbon Dioxide Incubator XU Hanqing LIU Xiuli HU Yakun SUN Xinrong(63)
- Application of Infrared Frontal Thermometer in High Cold Environment LONG Cunlin CHEN Yuerong LEI Di ZHANG Hongtao ZHAO Zhijie REN Jian(65)
- Research and Practice of Quality Control Detection of Digital Electrocardiograph Based on Prosim 8 Vital Signs Simulator LAO Wanyi XIAO Xiang HUANG Jin CHEN Yuanpeng(69)
- Study on Pelvic Biomechanics by Muscle Force around Pelvis CHEN Hao(75)

Supervision and Administration of Metrological

- Thoughts on the High-quality Development of Hydrogen Energy Industry in Use of Metrology HUANG Xuelian WANG Jun PEI Danni(79)
- The Problem Analysis of the Application by the JJF 1261.5-2017"Rules of Metrology Testing for Energy Efficiency of Automatic Electric Rice Cookers" LI Ming LIANG Qi LI Shubin(82)
- Discussion on Scientific Research Management in Provincial Research Institutions ZHANG Liqin(85)
- How to Comprehend the Radiological Protection Recommendations of ICRP Publication 103 WANG Jiawei(88)
- Research on the Metrology Support System of Military Equipment HE Zijie PAN Jifei GUO Linqing XIONG Jingwei(92)

Error and Uncertainty

- Development and Uncertainty Analysis of Reference Materials for Calibration of Total Organic Carbon Analyzer ZHANG Mingting ZHU Peijuan HUANG Chenghao JI Hongmei(96)
- Uncertainty Evaluation for Value Error of Telescope Rangefinders XU Jiangtao(101)
- Research on Intermediate Checks Method and Uncertainty Evaluation of Precipitation Phenomenon Instrument CHEN Lifeng ZHAO Yong HUANG Lei FAN Wenjie(103)
- Research on Verification Method and Uncertainty Evaluation of Vehicle Radar Velocimeter XIE Menglong(108)
- Evaluation for Measurement Uncertainty of Indication Error of Geophone Tester LI Guodong HUANG Deyou(112)
- Evaluation of Uncertainty in Pitch Diameter Measurement of Thread Gauge Using Contour Measuring System CHEN Xiangchun(115)
- Discussion on Evaluation of Calibration Uncertainty of On-line pH Meters TIAN Dan(119)

