

敦煌研究

2013 1

国家社科基金资助期刊
中国人文社会科学核心期刊
《中国学术期刊》(光盘版)全文收录期刊
第三届国家期刊奖百种重点期刊
第二届北方期刊奖十佳期刊
甘肃省品牌期刊



DUNHUANG YANJIU

DUNHUANG RESEARCH

万方数据



目录

敦煌研究 2013 年第 1 期(总第 137 期)

【文化遗产管理】

- 潮湿环境土遗址保护理念探索与保护技术展望 王旭东(01)

【保护与修复】

- ZB-WB-S 砂岩加固材料的性质表征和加固作用的初步研究 苏伯民 孙秀娟 张化冰 尹建军 蒋德强(07)
新疆北庭故城病害特征及保护加固研究 郭青林 张景科 孙满利 王旭东 谌文武 裴强强 杨善龙(13)
新疆和田达玛沟遗址出土壁画修复试验报告 樊再轩 薛止昆 唐伟 艾力·阿不都拉 殷煊(18)
Photoshop 软件在古代壁画保护修复中的初步应用 李波 陈港泉 李晓洋 李小斌 姚桂兰 王奎(23)
干旱区 PS 加固土建筑遗址风化耐久性现场试验研究 王晓东 张虎元 裴强强(29)
射线探伤无损检测方法在文物考古现场应用最新进展 周华 杨森 高峰 苏伯民 王昌燧(35)

【制作材料分析与病害调查研究】

- 陕西凤栖原西汉墓 M25 耳室土壤中金属元素空间分布规律研究 陈港泉 于宗仁 李娜 苏伯民 赵西晨 丁岩(44)
文物出土现场保护移动实验室在考古发掘现场应用支撑研究中分析体系的构建 于宗仁 苏伯民 陈港泉 崔强 张文元(51)
无损技术在北庭西大寺盐分分布调查中的应用研究 杨善龙 郭青林 王旭东(56)
嘉峪关魏晋墓腐蚀壁画真菌群落组成分析 武发思 汪万福 贺东鹏 陈港泉 马燕天 张国彬 张晓东 冯虎元(60)
湖北熊家冢墓地出土玉器的 pXRF 无损分析 董俊卿 顾冬红 苏伯民 陈港泉 刘松 干福熹(67)
综合分析方法对余杭良渚遗址群出土玉器的原位无损研究 张文元 崔强 李青会 柴勃隆 王宁远 赵晔 于宗仁 苏伯民(73)
荆门獾子冢搬迁车马土体分析研究 袁鸿 龙永芳 赵西晨 刘雄(82)
敦煌莫高窟第 108 窟西壁岩体内温湿度变化规律研究 林波 王旭东 郭青林 杨善龙 陈雨 李凤洁(86)
湖北荆州出土战国玻璃珠的 pXRF 无损分析及相关问题研究 李青会 董俊卿 苏伯民 陈港泉 刘松 顾冬红(92)
冻融循环作用下不同含盐土体微细结构变化初步研究 陈雨 王旭东 杨善龙 郭青林 林波 李凤洁(98)

【壁画数字化研究】

- 基于壁画曲率分析的壁画数字化摄影采集方法研究 吴健 张帆 俞天秀 丁小胜(108)

【文物环境研究】

- 无线传感器网络在考古发掘现场动态环境监测的应用研究 祁浩 邓宏 余珊珊(113)
突发性强降雨对莫高窟洞窟微环境影响分析 张正模 刘洪丽 郭青林 王旭东 薛平(120)
简讯 (封二, 6, 97)

CONTENTS

DUNHUANG RESEARCH NO. 1. 2013(TOTAL. 137)

WANG Xudong, Exploration of Conservation Philosophy for Earthen Sites in Humid Environments and an Outlook on Future Conservation Technology	(01)
SU Bomin, SUN Xiujuan, ZHANG Huabing, YIN Jianjun, JIANG Deqiang, A Preliminary Study on the Characterization and Consolidation Effects of the Sandstone Consolidating Material ZB-WB-S	(07)
GUO Qinglin, ZHANG Jingke, SUN Manli, WANG Xudong, CHEN Wenwu, PEI Qiangqiang, YANG Shanlong, A Study on the Characteristics of Deterioration and the Conservation of Ancient Beiting City in Xinjiang	(13)
FAN Zaixuan, XUE Zhikun, TANG Wei, AILI Abudula, YIN Xuan, Restoration Experiments on the Wall Paintings Excavated from the Dharma Valley in Khotan, Xinjiang	(18)
LI Bo, CHEN Gangquan, LI Xiaoyang, LI Xiaobin, YAO Guilan, WANG Kui, The Preliminary Application of Photoshop Software in the Preservation and Restoration of Ancient Murals	(23)
WANG Xiaodong, ZHANG Huyuan, PEI Qiangqiang, Field Tests on Weathering Durability of Ancient Earthen Architecture Treated with PS in an Arid Area	(29)
ZHOU Hua, YANG Miao, GAO Feng, SU Bomin, WANG Changsui, Latest Progress in Non-Destructive Ray Radiography Detection in Archaeological Sites	(35)
CHEN Gangquan, YU Zongren, LI Na, SU Bomin, ZHAO Xichen, DING Yan, A Study on the Spatial Distribution Pattern of Metal Elements in the Soil in the Side Chamber of Western Han Tomb M25 in Fengqiyuan, Shaanxi Province	(44)
YU Zongren, SU Bomin, CHEN Gangquan, CUI Qiang, ZHANG Wenyuan, Construction of the Analytic System in the Application Supporting Research with the Mobile Conservation Laboratory for Archaeological Excavation Sites	(51)
YANG Shanlong, GUO Qinglin, WANG Xudong, Application of Non-destructive Testing Analysis Technology in Surveying Salt Distribution in a Buddhist Temple at Beiting	(56)
WU Fasi, WANG Wanfu, HE Dongpeng, CHEN Gangquan, MA Yantian, ZHANG Guobin, ZHANG Xiaodong, FENG Huyuan, The Fungal Community Composition on Mural Paintings in Tomb of Wei and Jin Dynasty, Jiayuguan	(60)
DONG Junqing, GU Donghong, SU Bomin, CHEN Gangquan, LIU Song, GAN Fuxi, Non-Destructive Analysis (pXRF) of the Jade Artifacts Unearthed from the Xiongjiazhang Tombs in Hubei	(67)
ZHANG Wenyuan, CUI Qiang, LI Qinghui, CHAI Bolong, WANG Ningyuan, ZHAO Ye, YU Zongren, SU Bomin, In Situ Non-destructive Investigation of the Jade Wares Excavated from the Liangzhu Sites at Yuhang with an Integrated Analytical Approach	(73)
YUAN Hong, LONG Yongfang, ZHAO Xichen, LIU Xiong, A Study on the Soil Body of the Buried Horse-and-chariot Excavated from the Huanzizhong Tombs in Jingmen	(82)
LIN Bo, WANG Xudong, GUO Qinglin, YANG Shanlong, CHEN Yu, LI Fengjie, A Study on the Variation Laws of Temperature and Relative Humidity in the Rock of the West Wall in Mogao Cave 108, Dunhuang	(86)
LI Qinghui, DONG Junqing, SU Bomin, CHEN Gangquan, LIU Song, GU Donghong, Non-destructive Analysis of the Warring States Glass Beads Unearthed from Jingzhou, Hubei by pXRF and Discussions on Relative Issues	(92)
CHEN Yu, WANG Xudong, YANG Shanlong, GUO Qinglin, LIN Bo, LI Fengjie, A Preliminary Study of the Freeze-thaw Cycle on the Structure of Earthen Sites with Different Salts	(98)
WU Jian, ZHANG Fan, YU Tianxiu, DING Xiaosheng, Acquisition of Digital Photography Images of Murals Compensating for Curvature of the Wall Surfaces	(108)
QI Hao, DENG Hong, YU Shanshan, An Application of a Wireless Sensor Network in Dynamic Environment Monitoring Systems of Archaeological Excavation Sites	(113)
ZHANG Zhengmo, LIU Hongli, GUO Qinglin, WANG Xudong, XUE Ping, Analysis of the Impact of Sudden Heavy Rainfall on the Micro-environment of the Caves at Mogao	(120)
Brief News	(Cover II , 6, 97)