原书缺封面

万方数据

Ei 核心期刊,CA,SA,PЖ 收录期刊

1957 年创刊

硅 酸 盐 学 报

Guisuanyan Xuebao

总 305 期

(无机非金属材料)

第 42 卷 第 8 期 2014 年 8 月,月刊

目 次

水泥基材料

基于数字图像处理技术的引气混凝土冻融损伤定量评价(英文) …… 李曙光,陈改新,纪国晋,刘艳霞(951)

水泥石单一裂隙的渗流规律及其遇水自愈合性能 …… 卢子臣,孔祥明,岳 蕾,王其春,刘 伟,曾 敏(960)

橡胶颗粒对自密实混凝土性能的影响 …… 马昆林,龙广成,谢友均,陈小波,钱智铭,谭文勇(966)

孔隙结构及饱水度对水泥基材料透气性的影响 …… 罗明勇,桂 强,李克非(974)

减水剂与低硫酸盐含量水泥的相容性 …… 韩 松,阎培渝,安明喆(981)

CRTS II 型水泥乳化沥青砂浆力学性能的应变率效应及模型 …… 傅 强,谢友均,郑克仁,宋 昊,周锡玲(989)

预养护对二氧化碳养护混凝土过程及显微结构的影响 …… 史才军,何平平,涂贞军,曹 张(996)

高碱含量水泥净浆的显微结构特征及碳化速率 …… 柳俊哲,孙 武,陈剑斌,巴明芳,贺智敏,袁伟静(1005)

硬化水泥浆体体积电阻和孔结构的关系 …… 安晓鹏,史才军,曹 张,王德辉,何富强,胡张莉(1011)

生态型高延性水泥基复合材料的高温损伤 …… 张丽辉,郭丽萍,孙 伟,张文潇,谌正凯(1018)

高性能混凝土填充金属三明治夹层波纹板的抗侵彻性能 …… 夏鸿雁,侯 润,张钱城,卢天健(1025)

超声电化学机制对砂浆中氯离子萃取效率的影响 …… 姚 武,王灵芝,陈逸群(1032)

层状双氢氧化物对混凝土抗碳化性能的影响 …… 段 平,严春杰,陈 伟,陈国玮,水中和(1037)

水泥工业富氧燃烧条件下钙基捕集剂的碳酸化反应动力学 …… 段永华,李 辉,张乐乐,范 潇,闵永刚(1042)

基于测量高温侵蚀厚度的氯氧镁水泥抗水性的快速评价方法(英文) …… 李 颖,余红发(1047)

双氧水发泡泡沫混凝土抗冻性与气孔特征的关系(英文) …… 刘润清,欧阳鹏,杨元全,齐 玮(1055)

矿物材料

高岭石-烷基胺插层复合物的制备与纳米卷的形成 …… 刘钦甫,李晓光,郭 鹏,程宏飞,吉雷波,张 帅(1064)

微结构单元提高介孔 MCM-41 分子筛水热稳定性的研究进展 …… 许俊强,张 强,郭 芳,李 军(1070)

人工晶体

镁掺量对镁钕铌酸锂晶体的抗光损伤和激光性能的影响…… 张 欣,代 丽,冯国楠,焦珊珊,刘 威,姜发同,徐玉恒(1078)

磷锗锌晶体生长与缺陷结构 …… 雷作涛,朱崇强,宋梁成,杨春晖,谷立山(1082)

万方数据

JOURNAL OF THE CHINESE CERAMIC SOCIETY

Guisuanyan Xuebao

(Inorganic and Non-metallic Materials)

Total No. 305 August, 2014

Vol. 42, No. 8, Monthly

CONTENTS

Cement-based Material

Quantitative Damage Evaluation of Air-Entrained Concrete Suffered Freezing-Thawing by Digital-Image-Processing Technique(English) ····· LI Shuguang, CHEN Gaixin, JI Guojin, LIU Yanxia(951)

Water Flow Through Single Crack in Hardened Cement Paste and Self-healing Property of Crack ····· LU Zichen, KONG Xiangming, YUE Lei, WANG Qichun, LIU Wei, ZENG Min(960)

Effect of Rubber Particles on Properties of Self-Compacting Concrete ····· MA Kunlin, LONG Guangcheng, XIE Youjun, CHEN Xiaobo, QIANG Zhiming, TAN Wenyong(966)

Influence of Pore Structure and Degree of Saturation on Gas Permeability of Cement Based Materials ····· LUO Mingyong, ZENG Qiang, LI Kefei(974)

Compatibility of Surerplasticizers in Cement Paster with Low Sulfate Content ····· Han Song, Yan Peiyu, An Mingzhe(981)

Strain Rate Effect and Modeling of Mechanical Properties of CRTS II Type Cement and Asphalt Mortar ····· FU Qiang, XIE Youjun, ZHENG Keren, SONG Hao, ZHOU Xiling(989)

Effect of Pre-conditioning on Process and Microstructure of Carbon Dioxide Cured concrete ····· SHI Caijun, HE Pingping, TU Zhenjun, CAO Zhang(996)

Carbonation Rate and Microstructural Characteristics of Hardened Cement Paste with High Alkali Content ····· LIU Junzhe, SUN Wu, CHEN Jianbin, BA Mingfang, HE Zhimin, YUAN Weijing(1005)

Relation Between Bulk Resistance and Pore Structure of Hardened Cement Pastes ····· AN Xiaopeng, SHI Caijun, CAO Zhang, WANG Dehui, HE Fuqing, HU Zhangli(1011)

Damage of Ecological High Ductility Cementitious Composites After Exposed to High Temperature ····· ZHANG Lihui, GUO Liping, SUN Wei, ZHANG Wenxiao, CHEN Zhengkai(1018)

Ballistic Resistance of Metal Corrugated Sandwich Plates filled with High Performance Concrete ····· XIA Hongyan, HOU Run, ZHANG Qiancheng, LU Tianjian(1025)

Influence of Sonoelectrochemical Mechanism on Efficiency of Electrochemical Chloride Extraction from Mortar ····· YAO Wu, WANG Lingzhi, CHEN Yiqun(1032)

Kinetics of Carbonation Reaction of Calcium-based Sorbents under Oxygen-enriched Combustion in Cement Industry ····· DUAN Yong-hua,LI Hui, FAN Xiao, ZHANG Lele, MIN Yong(1037)

Influence of Layered Double Hydroxides on Carbonation Resistance of Concrete ····· DUAN Ping, YAN Chunjie, CHEN Wei, CHEN Guowei, SHUI Zhonghe(1042)

Rapid Assessment Method for Water Resistance of Magnesium Oxychloride Cement Based on Measurement of High-temperature Erosion Thickness(English) ····· LI Ying, YU Hongfa(1047)

Relationship Between Freeze-Thaw Resistance and Air-Void Characteristics of Foam Concrete with Hydrogen Peroxide as Foaming Agent(English) ····· LIU Runqing, OUYANG Peng, YANG Yuanquan, QI Wei(1055)

Mineral Material

Formation of Nanoscrolls and Preparation of Kaolinite Intercalation Compound with Alkylamines ····· LIU Qinfu, LI Xiaoguang, GUO Peng, CHENG Hongfei, JI Leibo, ZHANG Shuai(1064)

Research Prpgress on Hydrothermal Stability of MCM-41 Mesoporous Molecular Sieves Enhanced by Mcirostructure Units ····· XU Junqiang, ZHANG Qiang, GUO Fang, LI Jun(1070)

Artificial Crystal

Influence of Magnesium Ion Conccentration on Optical Damage Resistance and Laser Properties of Magnesium and Neodymium Codoped Lithium Niobate Crystals ····· ZHANG Xin, DAI Li, FENG Guonan, JIAO Shanshan, LIU Wei, JIANG Fatong, XU Yuheng(1078)

Growth and Defect Structure in Zinc Germanixm Phosphide Crystal ····· LEI Zuotao, ZHU Chongqiang, SONG Liangcheng, YANG Chunhui, GU Lishan(1082)

万方数据

原书缺封底

万方数据