

南方建筑

SOUTH ARCHITECTURE

《南方建筑》双月刊

NAN FANG JIAN ZHU BI-MONTHLY

ISSN 1000-0232

CN 44-1263/TU

CODEN NJAIDV

中国科技核心期刊(科技论文统计源期刊)

中国人文社会科学核心期刊(A刊)

RCCSE 中国核心学术期刊

EBSCO 数据库收录期刊(美国)

主办: 广东省土木建筑学会

承办: 华南理工大学建筑学院

疫情背景下的人居环境规划与设计 主题
Planning and Design of Human Settlements during the Pandemic Topic 2020.4

4

总第188期

南方数据

疫情背景下的人居环境规划与设计

本期主题：疫情背景下的人居环境规划与设计

- 01 常态化防控要求下城市基层医疗设施规划研究——以广州为例 / 沈睿熙, 谭俊杰, 袁媛
- 06 面对突发疫情的城市防控空间单元体系构建——突发公共卫生事件下对健康城市的思考 / 马向明, 陈洋, 陈艳, 等
- 14 基于防范疫情的健康住区风环境设计研究——以岭南月岛住区为例 / 郭卫宏, 李宾, 窦建奇, 等
- 22 基于儿童居家生活与学习情感体验的居住环境探析 / 徐守珩, 庄惟敏
- 28 面向健康微气候环境的城市设计导则优化策略 / 李月雯, 杨满场, 彭翀, 等
- 34 虚拟自然的疗愈效益及其应用趋势 / 张珍, 徐磊青
- 41 非常规突发与常态化应对的镇村健康发展路径 / 耿虹, 李佳佳, 吕宁兴, 等
- 48 促进研发工作者健康与福祉的数字经济办公园区景观设计：理论、策略与措施 / 刘雪鸣, 姜斌, 李志杰
- 56 疫情背景下医院外部公共空间复合优化策略——以广州中心城区既有大型综合医院为例 / 陈文东, 陈卓宇, 谢添, 等

设计研究

- 60 高层住宅底层架空空间环境优化探究——基于老年人社区活动类型 / 易欢, 邓鹏, 吴茵
- 66 基于使用后评价的科技馆改造更新案例研究——以费城富兰克林研究院为例 / 李鹏南, 刘业
- 73 广州大学城环境因素对学生安全感的影响研究 / 黄邓楷, 王国光, 陈芷筠
- 80 基于室外热舒适的寒地教学组团形态设计策略 / 孙澄, 智东怡, 韩昀松
- 86 技术优化视角下的超高层建筑塔楼设计——以昆明西山万达广场超高层双塔为例 / 陈朝阳, 周文

建筑论坛

- 90 从抵触到内化：包豪斯对美国现代建筑影响的多维介入 / 袁琦, 陈泳
- 96 深化“建筑科学”大学科认知促进城市生态环境文明建设 / 张祖刚

风景园林

- 100 《红楼梦》中的光景学及其启示 / 边宇, 刘璐, 黄崇耘
- 106 《白鹿原》乡土景观特征及内涵研究 / 王通, 毛颖俊, 赵纪军, 等

城乡规划

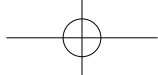
- 112 珠三角区域创新空间格局优化策略研究 / 宋延鹏
- 118 城市恢复性环境研究的知识图谱分析 / 舒珊, 马蕙
- 126 尺度重组视角下地域空间演变及管治机制述评 / 温丽, 魏立华, 丛艳国



2020.4 / NO.198

封面：华南理工大学国际校区公共实验楼中庭
封底：华南理工大学国际校区沿水建筑群

摄影：马明华
摄影：战长恒



SOUTH
ARCHITECTURE
Published in August 2020

CONTENTS

Topic: Planning and Design of Human Settlements during the Pandemic

PLANNING AND DESIGN OF HUMAN SETTLEMENTS DURING THE PANDEMIC

- 01 **Research on the Planning of Medical Facilities at the Sub-district Level under the Requirements of Regular Epidemic Prevention and Control: A Case Study of Guangzhou** / SHEN Rui-xi, TAN Jun-jie, YUAN Yuan
- 06 **Construction of a City Prevention Spatial Unit System for Epidemic Emergencies: A Reflection on a Healthy City Environment During Public Health Emergencies** / MA Xiang-ming, CHEN Yang, CHEN Yan, et al
- 14 **Research on Healthy Wind Environments of Settlements Based on Epidemic Control : A Case Study of the Lingnan Yuedao Settlement** / GUO Wei-hong, LI Bin, DOU Jian-qi, et al
- 22 **Study on Living Environments Based on Children's Emotional Experience of Home Life and Online Learning** / XU Shou-heng, ZHUANG Wei-min
- 28 **Optimisation Strategy of Urban Design Guidelines for a Healthy Microclimate Environment** / LI Yue-wen, YANG Man-chang, PENG Chong, et al.
- 34 **The Healing Benefits and Application of the Virtual Natural Environment** / ZHANG Zhen, XU Lei-qing
- 41 **Healthy Development Pathway for Towns and Villages with Unconventional Emergencies and Normalised Responses** / GENG Hong, LI Jia-jia, L ü Ning-xing, et al
- 48 **Landscape Design of Digital Economy Office Park to Promote Research & Development Staff's Health and Wellbeing: Theories, Strategies, and Approaches** / LIU Xue-ming , JIANG Bin, LI Zhi-jie
- 56 **Compound Optimisation Strategy of Eternal Public Hospital Space in the Context of an Epidemic: A Case Study of a Large General Hospital in Guangzhou** / CHEN WEN-dong, CHEN ZHOU-yu, XIE Tian, et al

RESEARCH ON DESIGN

- 60 **Research on the Environmental Optimization of Overhead Space on the First Floor of High-Rise Residential Buildings :A Case Study Based on Types of Elderly Community Activities** / YI Huan, DENG Peng, WU Yin
- 66 **Post-occupancy Evaluation of Science Museum Renovation and Renewal: A Case Study of the Franklin Institute** / LI Peng-nan, LIU Ye
- 73 **The Impact of Environmental Factors on the Perceived Safety of Students in the Guangzhou Higher Education Mega Center** / HUANG Deng-kai, WANG Guo-guang, CHEN Zhi-jun
- 80 **Design Strategy of Teaching Building Group in the Cold Zone Based on Outdoor Thermal Comfort** / SUN Cheng, ZHI Dong-yi, HAN Yun-song
- 86 **Technical Measures of Optimised Design for a Super High-rise Building Tower: A Case Study of Kunming Xishan Wanda Plaza Double Tower** / CHEN Zhao-yang, ZHOU Wen

ARCHITECTURAL FORUM

- 90 **From Resistance to Internalisation:Multidimensional Influences of Bauhaus on Modern American Architecture** / YUAN Qi, CHEN Yong
- 96 **Deepening Cognition on the Big Discipline of "Building Science" and Promoting Urban Ecological, Environmental and Civilization Constructions** / ZHANG Zu-gang

LANDSCAPE ARCHITECTURE

- 100 **Lightscape in *A Dream of Red Mansions* and Its Enlightenment** / BIAN Yu, LIU Lu, HUANG Chong-yun
- 106 **Study on Characteristics and Connotation of the Vernacular Landscape on the *White Deer Plain*** / WANG Tong, MAO Ying-jun, ZHAO Ji-jun, et al

URBAN AND RURAL PLANNING

- 112 **Research on Optimal Strategies for Innovation Development Patterns in the Pearl River Delta** / SONG Yan-peng
- 118 **Mapping Knowledge Domains for Research on Urban Restorative Environments** / SHU Shan, MA Hui
- 126 **A Review of Research on Regional Spatial Evolution and Governance Mechanisms from the Perspective of Rescaling** / WEN Li, WEI Li-hua, CONG Yan-guo

