

# 設計 DESIGN



QK2130711

07 上半月

第 34 卷 Jul.2021  
ISSN 1003-0069



刊号: CN11-5127/TB

邮发代号: 80-636

RCCSE 核心期刊

科学引文数据库 (SCD) 源期刊

CNY 35.00

HKD 60.00

NTD 140.00

USD 15.00

9 771003 006214

13>

运用交互动画探索居  
住空间中的艺术美  
USING INTERACTIVE  
ANIMATION TO EXPLORE  
THE ARTISTIC BEAUTY  
OF LIVING SPACE

基于符号学理论  
的地铁视觉形象  
设计研究

STUDY ON SUBWAY VISUAL IMAGE  
DESIGN BASED ON SEMIOTICS THEORY

老年群体居住空间  
中的无障碍设计  
BARRIER-FREE  
DESIGN IN THE LIVING  
ENVIRONMENT OF THE  
ELDERLY

地铁空间设计  
SUBWAY SPACE DESIGN

# CONTENTS

JUL.2021

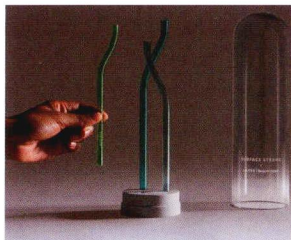
## 1

FRONT

封二 旋转变体垃圾桶  
封三 《巴维尔椅》建筑元素家具设计

陈璐晴  
沈 瞳 赵云飞

## 关注思考



可持续吸管

- 008 新能源汽车造型设计趋势研究  
011 基于UCD方法的智能印章设计研究  
014 基于可持续理念的防蝗产品设计与研究  
018 基于用户体验理念的老年助行产品研究  
022 基于“互联网+”的博物馆文创产品包装设计研究  
025 基于仿生技术的海南旅游商品包装设计创新研究  
028 基于金属工艺表面肌理美学特征的设计创新  
031 传统覆水坛子器型的变迁与再设计  
034 符号消费背景下民族地区旅游伴手礼品牌设计研究  
037 基于文化表达的传统工艺品牌视觉形象设计方法  
040 基于情感化形态的MOOK杂志书设计探究  
043 人工智能干预下的汉字重构研究  
046 符号学视角下西兰卡普当代重构研究及实践——以手鞠为创作载体  
049 信息时代扩展现实技术（XR）对设计发展的影响  
052 万物互联时代居家适老化改造研究  
056 老年群体居住空间中的无障碍设计  
059 广州骑楼街装饰元素在室内设计中的融入——以上下九街为例  
062 汉文化视阈下场所体验空间符号互动的心理时空维度探讨——以第十届江苏省园艺博览会徐州展园设计为例  
065 自然教育理念下的幼儿园户外空间设计探析  
068 设计赋能视角下的乡村旅游商业空间设计研究——以兰溪王家村“白露有礼”空间为例  
072 基于绿色设计的高校餐饮空间改造——以拾叁餐厅为例  
075 运用交互动画探索居住空间中的艺术美  
078 建筑的消隐性——以贝聿铭的设计为例

江海龙 殷晓晨 李呈祥  
郭笑路 张 磊 张阿维  
裴爱真 盖欣仪 李 佳等  
李君华 张翰丰  
张慧敏  
王志鹏 张红梅  
陈彬雨  
刘 鑫 陈禹彤 李 婷  
赵泽峰  
田宗雅 万 萱  
张 俊  
刘晓茜 王 方  
尹 婧 田余辉  
杨 杰 蔡子杰  
王一然 赵迺龙  
赵文婧  
邢 程 刘 伟\*  
刘玉石  
  
何辰慧 孔 荀\*  
韩亦漪 张 禄  
钱忠翠  
赵 杰  
胡梦璐

# 2

## MIDDLE

### 专题稿件

- 081 地铁空间设计
- 082 基于符号学理论的地铁视觉形象设计研究——以上海地铁15号线为例
- 086 地铁换乘空间设计的色彩分析研究——以上海地铁15号线为例
- 090 地域文化在地铁站点设计中的应用研究——以上海地铁15号线为例
- 093 城市地铁空间的公共艺术作品设计探究——以上海地铁15号线为例

朱怡霏 杨明刚\*  
张怡婕 杨明刚\*  
王培业 杨明刚\*  
邱艳美 杨明刚\*

### 设计教育

- 096 中外教联合线上设计实践类课程教学探索
- 100 CDIO介入产品改良设计课程的教学实践——以墙壁开关改良设计为例
- 104 “多级协作”人才培养模式实践研究——以广东理工学院环境设计专业为例
- 107 基于web招聘信息的工业设计人才需求研究

金 岩 赵 倩 Paola Branduini  
李立全 康 磊 祝海龙  
史会全  
吕中意

### 理论研究

- 110 动态图形在故事化叙事中的应用研究
- 113 正向焦虑在网络课程中的激励作用研究——以工业设计专业基础课为例
- 116 基于卡通IP形态的装饰设计研究
- 120 国家图书馆文创产品设计方式研究

司王江源 李伟敏  
杨洪泽 李 博  
李宛阳 萧 睿  
徐瑞遥

### 学研探索

- 123 湘西傩面具装饰元素在文创产品设计研究
- 126 高等院校主导下的传统年画传承与创新模式研究
- 130 地域文化IP衍生产品开发策略——以金华地区为例
- 133 基于可用性洗护瓶产品研究设计
- 136 基于骑行安全性提升的刹车辅助装置设计研究
- 139 分析图形创意在视觉传达设计中的运用策略
- 142 农产品区域公用品牌视觉设计研究——基于地域文化视角
- 145 互动仪式链理论视角下垂直社交类应用设计研究——以网易云音乐为例
- 148 空间类型视角下的社区老年人户外休闲活动空间设计——以南京孝陵卫社区为例
- 152 思政教育影响下的高校易班中心会议空间设计
- 155 极简主义在室内设计方面的运用探究
- 158 传统建筑元素在地铁重点站出入口设计中的应用——以青羊宫地铁站出入口为例

郭 畅 张继晓 丁凡倬  
朱天航  
周家瑶 林竟路  
李晗京 陈欣然 李 晶\*  
曾 曦 鄂哲恒  
童雯倩  
陈立民 韩 烨  
栾春燕 蒋 晓  
沈晗斌 何学聪 刘 壮  
冼 宁 柴林希  
赵洋洋 郑利星  
雍雯雯 徐笑非\*



基于符号学理论的地铁视觉形象设计研究



“内蒙古礼物”纸杯设计

# CONTENTS | JUL.2021

# 3 MIDDLE

COVER2 ROTARY TRASH CAN  
COVER3 "BAVEL CHAIR" ARCHITECTURAL ELEMENTS FURNITURE DESIGN

CHEN LUQING  
SHEN TONG ZHAO YUNFEI

## ISSUES

- |     |   |   |
|-----|---|---|
| 008 | RESEARCH ON THE STYLING DESIGN TREND OF NEW ENERGY VEHICLES   | JIANG HAI LONG YIN XIAO CHEN LI CHENG XIANG |
| 011 | RESEARCH ON INTELLIGENT SEAL DESIGN BASED ON UCD METHOD   | GUO XIAOLU ZHANG LEI ZHANG AWEI             |
| 014 | DESIGN AND RESEARCH OF LOCUTS-CONTROL PRODUCTS BASED ON SUSTAINABLE CONCEPT   | PEI AIZHEN GAI XINYI LI JIA.ETC             |
| 018 | RESEARCH ON WALKING AIDS FOR THE ELDERLY BASED ON THE CONCEPT OF USER EXPERIENCE  | LI JUNHUA ZHANG HANFENG                     |
| 022 | RESEARCH ON MUSEUM PRODUCT PACKAGING DESIGN BASED ON INTERNET PLUS  | ZHANG HUIMIN                                |
| 025 | RESEARCH ON PACKAGING DESIGN INNOVATION OF HAINAN TOURISM COMMODITIES BASED ON BIONIC TECHNOLOGY  | WANG ZHIPENG ZHANG HONGMEI                  |
| 028 | DESIGN INNOVATION BASED ON THE AESTHETIC CHARACTERISTICS OF METAL PROCESS SURFACE TEXTURE   | CHEN BINYU                                  |
| 031 | THE CHANGE AND REDESIGN OF TRADITIONAL WATER-COVERED JARS   | LIU XIN CHEN YUTONG LI TING                 |
| 034 | RESEARCH ON THE BRAND DESIGN OF HAND CEREMONY IN ETHNIC REGIONS UNDER THE BACKGROUND OF SYMBOL CONSUMPTION  | ZHAO ZEFENG                                 |
| 037 | VISUAL IMAGE DESIGN OF TRADITIONAL CRAFT BRAND BASED ON TRADITIONAL CULTURAL EXPRESSION   | TIAN ZONGYA WAN XUAN                        |
| 040 | RESEARCH ON MOOK MAGAZINES IS BASED ON EMOTIONALIZED DESIGN   | ZHANG JUN                                   |
| 043 | RESEARCH ON CHINESE CHARACTER RECONSTRUCTION UNDER THE INTERVENTION OF ARTIFICIAL INTELLIGENCE  | LIU XIAOQIAN WANG FANG                      |
| 046 | RESEARCH AND PRACTICE OF CONTEMPORARY RECONSTRUCTION OF XILANKAPU FROM THE PERSPECTIVE OF SEMIOTICS—TAKING TEMARI AS CREATIVE CARRIER                                     | YIN JING TIAN YUHUI                         |
| 049 | THE IMPACT OF EXTENDED REALITY (XR) ON DESIGN DEVELOPMENT IN THE INFORMATION AGE  | YANG JIE CAI ZIJIE                          |
| 052 | A STUDY ON THE AGEING REFORM OF HOMES IN THE ERA OF INTERNET OF EVERYTHING  | WANG YIRAN ZHAO NAILONG                     |
| 056 | BARRIER-FREE DESIGN OF LIVING SPACE FOR THE ELDERLY   | ZHAO WENJING                                |
| 059 | THE INCORPORATION OF DECORATIVE ELEMENTS IN THE INTERIOR DESIGN OF GUANGZHOU QILOU STREETSHANGXIAJIU STREET AS AN EXAMPLE   | XING CHENG LIU WEI *                        |
| 062 | ON THE PSYCHOLOGICAL SPACE-TIME DIMENSION OF PLACE EXPERIENCE SPACE SYMBOL INTERACTION FROM THE PERSPECTIVE OF CHINESE CULTURE  | LIU YUSHI                                   |
| 065 | THE DESIGN OF OUTDOOR SPACE IN KINDERGARTENS UNDER THE CONCEPT OF NATURAL EDUCATION   | HE CHENHUI KONG XUN *                       |
| 068 | RESEARCH ON RURAL TOURISM COMMERCIAL SPACE DESIGN FROM THE PERSPECTIVE OF DESIGN EMPOWERMENT—TAKE THE BAILU AND COURTEOUS SPACE OF WANGJIA VILLAGE IN LANXI AS AN EXAMPLE | HAN YIYI ZHANG LU                           |
| 072 | RENOVATION OF COLLEGE RESTAURANTS BASED ON GREEN DESIGN—TAKING SHIYI RESTAURANT AS AN EXAMPLE   | QIAN ZHONGCUI                               |
| 075 | USING INTERACTIVE ANIMATION TO EXPLORE THE ARTISTIC BEAUTY OF LIVING SPACE  | ZHAO JIE                                    |
| 078 | THE ELIMINATION OF RECESSIVENESS IN ARCHITECTURE -- TAKING THE DESIGN OF I.M. PEI AS AN EXAMPLE   | HU MENG LU                                  |

## COLUMN

- |     |   |                             |
|-----|---|-----------------------------|
| 081 | SUBWAY SPACE DESIGN   |                             |
| 082 | STUDY ON SUBWAY VISUAL IMAGE DESIGN BASED ON SEMIOTICS THEORY -- TAKING SHANGHAI METRO LINE 15 AS AN EXAMPLE              | ZHU YIFEI YANG MINGGANG *   |
| 086 | STUDY ON THE COLOR ANALYSIS OF SUBWAY TRANSFER SPACE DESIGN — TAKE SHANGHAI METRO LINE 15 AS AN EXAMPLE                   | ZHANG YIJIE YANG MINGGANG * |
| 090 | STUDY ON THE APPLICATION OF REGIONAL CULTURE IN THE DESIGN OF SUBWAY STATIONS TAKING SHANGHAI METRO LINE 15 AS AN EXAMPLE | WANG PEIYE YANG MINGGANG *  |
| 093 | STUDY ON THE DESIGN OF PUBLIC OF ART WORKS IN URBAN SUBWAY SPACE--TAKING SHANGHAI METRO LINE 15 AS AN EXAMPLE             | QIU YANMEI YANG MINGGANG *  |

## DESIGN EDUCATION

---

- |     |  |                                   |
|-----|--|-----------------------------------|
| 096 | TEACHING EXPLORATION OF ONLINE DESIGN PRACTICE COURSE WITH CHINESE AND FOREIGN TEACHER   | JIN YAN ZHAO QIAN PAOLA BRANDUINI |
| 100 | THE TEACHING PRACTICE OF CDIO IN PRODUCT IMPROVEMENT DESIGN COURSE—TAKE THE IMPROVED DESIGN OF WALL SWITCH AS AN EXAMPLE                         | LI LIQUAN KANG LEI ZHU HAILONG    |
| 104 | PRACTICAL RESEARCH ON "MULTI-LEVEL COLLABORATION" TALENT TRAINING MODEL—BASED ON THE ENVIRONMENTAL DESIGN MAJOR OF GUANGDONG POLYTECHNIC COLLEGE | SHI HUIQUAN                       |
| 107 | RESEARCH ON INDUSTRIAL DESIGN TALENT DEMAND BASED ON WEB RECRUITMENT INFORMATION   | LV ZHONGYI                        |

## THEORY

---

- |     |  |                            |
|-----|--|----------------------------|
| 110 | RESEARCH ON THE USING OF MOTION GRAPHICS IN NARRATIVE COMMUNICATION  | SI WANGJIANGYUAN LI WEIMIN |
| 113 | RESEARCH ON THE MOTIVATION EFFECT OF POSITIVE ANXIETY IN ONLINE COURSES—TAKING THE BASIC COURSE OF INDUSTRIAL DESIGN AS AN EXAMPLE | YANG HONGZE LI BO          |
| 116 | RESEARCH ON DECORATION DESIGN BASED ON CARTOON IP FORM   | LI WANYANG XIAO RUI        |
| 120 | RESEARCH ON THE DESIGN METHODS OF CULTURAL AND CREATIVE PRODUCTS IN NATIONAL LIBRARY OF CHINA                                      | XU RUIYAO                  |

## EXPLORE & RESEARCH

---

- |     |   |                                     |
|-----|---|-------------------------------------|
| 123 | RESEARCH ON THE DESIGN OF CULTURAL AND CREATIVE PRODUCTS OF XIANGXI NUO MASK  | GUO CHANG ZHANG JIXIAO DING FANZHUO |
| 126 | RESEARCH ON THE INHERITANCE AND INNOVATION MODEL OF TRADITIONAL NEW YEAR PAINTINGS UNDER THE DOMINATION OF COLLEGES   | ZHU TIANHANG                        |
| 130 | DEVELOPMENT STRATEGY OF REGIONAL CULTURE IP DERIVATIVE PRODUCT—TAKE JINHUA AS EXAMPLE   | ZHOU JIAYAO LIN JINGLU              |
| 133 | RESEARCH AND DESIGN OF NURSE BOTTLE PRODUCTS BASE ON USABILITY  | LI HANJING CHEN XINRAN LI JING *    |
| 136 | RESEARCH ON DESIGN OF BRAKE ASSIST DEVICE BASED ON RIDING SAFETY IMPROVEMENT  | ZENG XI E ZHEHENG                   |
| 139 | ANALYSIS OF THE APPLICATION STRATEGY OF GRAPHIC CREATIVITY IN VISUAL COMMUNICATION DESIGN   | TONG WENQIAN                        |
| 142 | RESEARCH ON THE VISUAL DESIGN OF REGIONAL PUBLIC BRANDS OF AGRICULTURAL PRODUCTS—BASED ON THE PERSPECTIVE OF REGIONAL CULTURE                                 | CHEN LIMIN HAN YE                   |
| 145 | RESEARCH ON VERTICAL SOCIAL APPLICATION DESIGN FROM THE PERSPECTIVE OF INTERACTION RITUAL CHAINS THEORY: A CASE STUDY OF NETEASE MUSIC                        | LUAN CHUNYAN JIANG XIAO             |
| 148 | THE DESIGN OF OUTDOOR LEISURE ACTIVITIES FOR THE ELDERLY IN COMMUNITY FROM THE PERSPECTIVE OF SPACE TYPE—TAKE NANJING XIAOLINGWEI COMMUNITY AS AN EXAMPLE     | SHEN HANBIN HE XUECONG LIU ZHUANG   |
| 152 | THE DESIGN OF CONFERENCE SPACE OF THE CHANGE CLASS CENTER IN UNIVERSITIES UNDER THE INFLUENCE OF IDEOLOGICAL AND POLITICAL EDUCATION                          | XIAN NING CHAI LINXI                |
| 155 | THE APPLICATION OF MINIMALISM IN INTERIOR DESIGN  | ZHAO YANGYANG ZHENG LIXING          |
| 158 | STUDY ON TRADITIONAL ARCHITECTURAL ELEMENTS IN THE ENTRANCE DESIGN OF KEY SUBWAY STATIONS -- TAKING THE ENTRANCE OF QINGYANGGONG SUBWAY STATION AS AN EXAMPLE | YONG WENWEN XU XIAOFEI *            |

# 创造下一次 伟大 从自立自强 开始

“科创中国”平台：汇聚创新资源，链接创新枢纽。