EXET DESIGN



CONTENTS OCT.2021



封二 厨余垃圾处理器整合设计

封三 观婺窑韵

李 兵 谢 权 陈 飘唐秀美 张钧豪 洪子臻*

关注思考

800	基于人体数据的耳机改良与验证方法	李欣怡 何人可 王海宁
011	基于故事情境的儿童糖浆包装包容性设计研究	管静文* 刘子熙 张 浩
014	基于视觉认知机理的医用防护用品设计研究	霍春晓
017	"国潮"视域下的银黏土饰品创新设计应用	陆 琰
020	论云南建水紫陶工艺产品的情感化设计	吴雨亭
023	性别对感性工学在设计应用中的影响研究	张言林 李 博 方 迪
026	基于服务设计的试衣间APP的设计研究	周小儒 于文馨 马林兰
029	增强现实技术在高校纪念卡创新设计中的应用研究——以武汉科技大学为例	胡雨洁 聂 虹
034	面向青少年科普教育的秦淮灯彩交互设计研究	魏文静 高 娃* 王馨悦
038	基于地域文化的武汉方言表情包设计研究	宋奕勤 金雨轩
041	毕加索抽象风格影响下的天津杨柳青创新设计研究	白金风 马振龙
044	传承与交流下的博物馆文物科普《导览手册》设计——以内蒙古博物院为例	李子圆
048	北方系青铜器动物纹知识可视化设计研究	李 灿 门小勇
052	人性化理念下的大连Metmate Coffee工业风咖啡厅设计	王 鹤 王丽丽
055	简欧风格在室内设计中的应用——以"杉林华府"居住空间项目为例	吴辛迪* 李雅琦
058	基于场所精神的书店空间室内设计研究——以上海古籍书店艺术书坊为例	洪建萍 吴文治 宋凯璇
061	基于老年人需求的社区互动空间更新设计研究——以上地东里社区为例	刘雅静 公 伟
064	基于行为心理学理论的盲童幼儿园公共空间设计研究	傅 昊
068	现代非遗——蓝夹缬与微胶囊技术的结合设计表达	柯佳龙 蒋 彦



iClean智能扫地机器人游戏化模式

专题稿件

071	智能交互设计					
072	基于心流理论的智能家居交互设计创新研究	陈z	三珂	裴悦舟		
076	幼儿感统体验下的智能玩偶交互设计研究	Ξ	毅	王笑颜	牛	晶等
080	基于山水文化意象的智能交互产品设计研究	肖淖	傘	包德福	杨䴖	胂楠
083	基于用户体验的智能健康管理服务设计	吴轴	失弢			
086	基于BM-Kano模型的智能体检小屋设计研究	陆	宁	李芳宇		
000	知能手执识别技术下的星区导览系统设计研究	松	ᇚ			

2 MIDDLE

设计教育

094	环境设计专业数字化设计教学体系研究	罗	斌				
098	智能装备视角下工业设计一流专业建设策略——以哈尔滨工业大学为例	周	岩	刘晓	胜		
101	基于中德合作办学背景下的工业设计专业教学模式改革探究	曹	君瑞				
104	新文科下综合性大学设计学跨学科培养模式融合研究——以沈阳大学产品设计	关ſ	圭征				
	专业为例						
107	设计教育产教融合现状及趋势研究	周	古勇	詹	锦	杨晓扬	ı



锡工艺在建水紫陶产品中的运用

理论研究

 110
 农村留守老人居住形态与适宜性环境设计策略构建
 邹 杰

 113
 中国设计的传统文化回归
 沈丽琴

学研探索



Omivista Mobii 交互式投影系统

116	老年人与青年人间公共智能终端用户接受度差异	黄 慧 吴 群 牛 蓉
120	交互设计的沉浸式体验探析——以Teamlab Borderless数字艺术博物馆为例	李港丽
123	环境行为学视角下城市规划馆展示空间设计探究——以深圳当代艺术与城市规划	王春娇 许传宏
	馆为例	
126	火车站公共卫生间现存设计问题与研究	黄舒婷 潜铁宇
129	基于散点透视的空间艺术设计研究	柳天昱
132	基于自闭症儿童需求的康复机构空间设计研究	王雪洋 陈飞虎
135	"破旧立新"城市双修理论影响下的南京汤山矿坑公园设计解析	刘 宇 李佩乔
138	榆林市阳光广场的时代性与地域性设计探索	王晓华
141	扁平化插画与茶品牌包装形象视觉再设计	陈志莹 李新华
144	城市触媒理论下老旧社区视觉设计研究——以武汉三德里社区为例	阮绮思 张 姝 付梦真
147	便携式洗手消毒产品创新设计	黄瑶婷 姜 霄 范惠燕等
150	基于用户旅程的情感计算心理救援机器人设计	胡 鸿 金玉鑫 段慧云等
154	符号学语境下汉代长青树文创产品设计研究	叶以琛 兰 芳
158	传统意境理论在现代首饰设计中的应用研究	张 颖

CONTENTS | oct.2021



COVER2

INTEGRATION DESIGN OF KITCHEN FOOD GARBAGE PROCESSOR COVER3 THE CHARM OF WUZHOU KILN

LI BING XIE QUAN CHEN PIAO TANG XIUMEI ZHANG JUNHAO HONG ZIZHEN *

ISSUES

800	IMPROVEMENT AND VERIFICATION METHOD OF HEADSET BASED ON HUMAN BODY DATA	LI XINYI HE RENKE WANG HAINING
011	A STUDY ON THE INCLUSIVE DESIGN OF CHILDREN'S SYRUP PACKAGING BASED ON STORY CONTEXT	GUAN JINGWEN* LIU ZIXI ZHANG HAO
014	RESEARCH ON THE DESIGN OF MEDICAL PROTECTIVE EQUIPMENT BASED ON VISUAL COGNITION MECHANISM	HUO CHUNXIAO
017	INNOVATIVE DESIGN AND APPLICATION OF SILVER CLAY JEWELRY FROM THE PERSPECTIVE OF "GUOCHAO"	LU YAN
020	ON THE EMOTIONAL DESIGN OF PURPLE POTTERY PRODUCTS IN JIANSHUI COUNTY, YUNNAN PROVINCE	WUYUTING
023	RESEARCH ON TEH INFLUENCE OF GENDER ON THE KANSEI ENGINEERING IN DESIGN APPLICATION	ZHANG YANLIN LI BO FANG DI
026	" FITTING ROOM" APP DESIGN BASED ON SERVICE DESIGN	ZHOU XIAORU YU WENXIN MA LINLAN
029	RESEARCH ON THE APPLICATION OF AUGMENTED REALITY TECHNOLOGY IN THE INNOVATIVE DESIGN OF UNIVERSITY	HU YUJIE NIE HONG
	COMMEMORATIVE CARDS – TAKE WUHAN UNIVERSITY OF SCIENCE AND TECHNOLOGY AS AN EXAMPLE	
034	QINHUAI LANTERNS FOR YOUTH SCIENCE EDUCATION INTERACTION DESIGN RESEARCH	WEI WENJING GAO WA* WANG XINYUE
038	RESEARCH ON WUHAN DIALECT EMOJI DESIGN BASED ON REGIONAL CULTURE	SONG YIQIN JIN YUXUAN
041	RESEARCH ON TIANJIN YANGLIUQING INNOVATIVE DESIGN UNDER THE INFLUENCE OF PICASSO'S ABSTRACT STYLE	BAI JINFENG MA ZHENLONG
044	DESIGN OF GUIDE MANUAL FOR POPULAR SCIENCE OF MUSEUM CULTURAL RELICS UNDER INHERITANCE ESIGN OF GUIDE MANUAL	LI ZIYUAN
	FOR POPULAR SCIENCE OF MUSEUM CULTURAL RELICS UNDER INHERITANCE AND EXCHANGE -TAKING INNER MONGOLIA MUSEUM	
	AS AN EXAMPLE	
048	RESEARCH ON THE VISUAL DESIGN OF ANIMAL PATTERN KNOWLEDGE OF NORTHERN BRONZE WARE	LI CAN MEN XIAOYONG
052	THE DESIGN OF DALIAN MEMATE COFFEE INDUSTRIAL STYLE CAFE UNDER THE HUMANIZATION CONCEPT	WANG HE WANG LILI
055	THE APPLICATION OF SIMPLE EUROPEAN STYLE IN INTERIOR DESIGN – TAKING "SHANLIN HUAFU" RESIDENTIAL SPACE PROJECT AS	WU XINDI * LI YAQI
	AN EXAMPLE	
058	RESEARCH ON BOOKSTORE SPACE INTERIOR DESIGN BASED ON PLACE SPIRIT—TAKE THE ART BOOKSTORE OF SHANGHAI ANCIENT	HONG JIANPING WU WENZHI SONG KAIXUAN
	BOOKS BOOKSTORE AS AN EXAMPLE	
061	RESEARCH ON RENEWAL DESIGN OF COMMUNITY INTERACTIVE SPACE BASED ON THE NEEDS OF THE ELDERLY — TAKING	LIU YAJING GONG WEI
	SHANGDIDONGLI COMMUNITY AS AN EXAMPLE	
064	RESEARCH ON PUBLIC SPACE DESIGN FOR VISUALLY IMPAIRED PRESCHOOL STUDENTS BASED ON THEORIES OF BEHAVIORISTIC	FU HAO
	PSYCHOLOGY	
068	MODERN INTANGIBLE CULTURAL HERITAGE – COMBINED DESIGN EXPRESSION OF BLUE CLIP VALERIAN AND MICROCAPSULE	KE JIALONG JIANG YAN
	TECHNOLOGY	

COLUMN

)71	INTELLIGENT INTERACTION DESIGN	
)72	STUDY ON INTERACTION DESIGN INNOVATION OF SMART HOME BASED ON FLOW THEORY	CHEN YUNKE PEI YUEZHOU
)76	RESEARCH ON THE INTERACTION DESIGN OF SMART DOLLS BASED ON CHILDREN'S SENSORY INTERATION EXPERIENCE	WANG YI WANG XIAOYAN NIU JING.ETC
080	RESEARCH ON INTELLIGENT INTERACTIVE PRODUCT DESIGN BASED ON LANDSCAPE CULTURAL IMAGE	XIAO HANZE BAO DEFU YANG JINGNAN
)83	RESEARCH ON THE DESIGN OF INTELLIGENT HEALTH MANAGEMENT SERVICE BASED ON USER'S EXPERIENCE	WU YITAO
)86	RESEARCH ON DESIGN OF INTELLIGENT PHYSICAL EXAMINATION CABIN BASED ON BM-KANO MODEL	LU NING LI FANGYU
90	DESIGN AND RESEARCH OF SCENIC SPOT GUIDE SYSTEM BASED ON INTELLIGENT GESTURE RECOGNITION TECHNOLOGY	YANG LI



DESIGN EDUCATION

094	RESEARCH ON DIGITAL DESIGN TEACHING SYSTEM OF ENVIRONMENTAL DESIGN SPECIALTY	LUO BIN
098	FIRST-CLASS SPECIALTY CONSTRUCTION STRATEGY OF INDUSTRIAL DESIGN IN THE VIEW OF INTELLIGENT EQUIPMENT — TAKE	ZHOU YAN LIU XIAOSHENG
	HARBIN INSTITUTE OF TECHNOLOGY AS AN EXAMPLE	
101	RESEARCH ON THE TEACHING MODE REFORM OF INDUSTRIAL DESIGN SPECIALTY UNDER THE BACKGROUND OF SINO-GERMAN	CAO JUNRUI
	COOPERATION IN RUNNING SCHOOLS	
104	RESEARCH ON THE INTEGRATION OF DESIGN INTERDISCIPLINARY TRAINING MODE IN COMPREHENSIVE UNIVERSITY UNDER NEW	GUAN JIAZHENG
	LIBERAL ARTS – TAKE THE PRODUCT DESIGN MAJOR OF SHENYANG UNIVERSITY AS AN EXAMPLE	
107	RESEARCH ON THE CURRENT SITUATION AND TREND OF INDUSTRY EDUCATION INTEGRATION IN INDUSTRIAL DESIGN EDUCATION	ZHOU ZHIYONG ZHAN JIN YANG XIAOYANG

THEORY

STRATEGY CONSTRUCTION OF RURAL LEFT-BEHIND ELDERLY'S RESIDENTIAL FORM AND SUITABLE ENVIRONMENT DESIGN ZOU JIE
RETURN OF TRADITIONAL CULTURE IN CHINESE DESIGN SHEN LIQIN

EXPLORE & RESEARCH

116	DIFFERENCES IN THE ACCEPTANCE OF PUBLIC SMART TERMINAL USERS BETWEEN THE ELDERLY AND THE YOUNG: EYE MOVEMENT	HUANG HUI WU QUN NIU RONG
	EVIDENCE	
120	AN ANALYSIS OF IMMERSIVE EXPERIENCE OF INTERACTIVE DESIGN—TAKE THE TWAMLAB BORDERLESS MUSEUM OF DIGITAL ART	LI GANGLI
	AS AN EXAMPLE	WANG CHUNJIAO XU CHUANHONG
123	RESEARCH ON THE DISPLAY SPACE DESIGN STRATEGY OF URBAN PLANNING MUSEUM FROM THE PERSPECTIVE OF ENVIRONMENTAL	
	BEHAVIOR – TAKING SHENZHEN MUSEUM OF CONTEMPORARY ART AND URBAN PLANNING AS AN EXAMPLE	HUANG SHUTING QIAN TIEYU
126	EXISTING DESIGN PROBLEMS AND RESEARCH ON PUBLIC TOILETS OF RAILWAY STATIONS	
129	THE RESEARCH OF SPACE ART DESIGN BASED ON SCATTERED PERSPECTIVE	LIU TIANYU
132	RESEARCH ON SPACE DESGIN OF REHABILITATION INSTITUTIONS BASED ON THE NEEDS OF AUTISTIC CHILDREN	WANG XUEYANG CHEN FEIHU
135	ANALYSIS ON THE DESIGN OF TANGSHAN MINE PARK IN NANJING UNDER THE INFLUENCE OF THE THEORY OF "DILAPIDATED OLD	LIU YU LI PEIQIAO
	AND NEW" URBAN DOUBLE REPAIRS	
138	EXPLORATION OF THE TIMES AND REGIONAL DESIGN OF SUNSHINE PLAZA IN YULIN CITY	WANG XIAOHUA
141	FLAT ILLUSTRATION AND VISUAL REDESIGN OF TEA BRAND PACKAGING IMAGE	CHEN ZHIYING LI XINHUA
144	RESEARCH ON VISUAL DESIGN OF COMMUNITY BASED ON THE THEORY OG URBAN CATALYST—TAKING THE SANDELI COMMUNITY	RUAN QISI ZHANG SHU FU MENGZHEN
	AS AN EXAMPLE	
147	INNOVATIVE DESIGN OF PORTABLE HAND WASHING AND DISINFECTION PRODUCTS	HUANG YAOTING JIANG XIAO FAN HUIYAN.ETC
150	DESIGN OF EMOTIONAL COMPUTING PSYCHOLOGICAL RESCUE ROBOT BASED ON USER JOURNEY	HU HONG JIN YUXIN DUAN HUIYUN.ETC
154	RESEARCH ON THE DESIGN OF CULTURAL AND CREATIVE PRODUCTS WITH EVERGREEN TREE PATTERN IN HAN DYNASTY IN THE	YE YICHEN LAN FANG
	CONTEXT OF SEMIOTICS	
158	APPLICATION OF ARTISTIC CONCEPTION OF TRADITIONAL AESTHETICS IN JEWELRY DESIGN	ZHANG YING