CONTENTS

Creative design method and technology

0001-77  A Research of Color Universal Design for Hospital’s Orientational Sign
          Wu Tsann-Chung, Wu Mei-Ying  1

0002-1  Green Design in the Education on Industrial Design
          Qin Wang, Feng Zhou, Ziguang Sun  6

0003-2  The Personnel Training and Quality Education of College Interior Design
          Profession
          Wei Feng  9

0004-3  Research on Bionic Design in Product Innovation
          Yongxiang Liu, Xiaolong Liu  13

0005-4  A Electromechanical Parts Library For 3D-MID Design
          Yong Zhuo, Xiaolei Du, Jianqiang Zhu  17

0006-6  A Research into Application of Rebuilding Design of Container
          Rong Han, Nisha Da, Yue Yin  22

0007-12 The Design Theory and Methods of Emotional Concept Product Based on
             Kanssei Engineering
          Youjian Wang, Xiaoyu Deng  26

0008-22 Teaching Reform and Practice in Curriculum of Engineering Science of
             Industrial Design
          Chunfa Sha, Kai Zhang, Liqing Huang  31

0009-44 Research on Product Design Quality Control Methods Based on QFD
          Jianjie Chu, Suihuai Yu, Guoding Chen, Haijun Wang  35

0010-46 Research of Appropriate Design Theory in Product Design
          Ran Wan, Yanna Chen, Yousheng Yao  40

0011-47 Modelling of "Metamorphoses" Teaching Research
          Chen Su  44

0012-51 On the Procedure and Methods in Modern Furniture Green Design
          Hanning Zhang, Jifeng Xu  47

0013-66 Research in the Structure and Form of Brand Image of High-speed Railway
          Congying GUAN, Bochu XU  52

0014-67 Analysis of the Design Trend of Rural Household Refrigerators
          Shangshang Zhu, Shiyou Wang  56

0016-80  A Research on the Market of Chinese Brands of Sportswear Accessories and
             their Designs
          Lishen Yang  62

0017-83 Innovation Team Construction Research Based on Animation Creation
             Experiment Demonstration Center  67
Research on the Recycling Packaging Materials
Guobin Peng, Zhijian Tang, Chengmao Li, Qinheng Zhao

Study on the 21st Century SOHO Office System Design in China
WANG-Zhong

Study on Automobile Conceptual Design Based on the Integration of Organic and Inorganic Elements
Hanning Zhang, Jifeng Xu, Runyuan Yin

The Integer Bath Cabinet Function Design Study on Modern Life Style
Zhang Jian, Zhu Xiaochun

The Study on the Evolution and Variation of Product
Zhizhong Ding, Bo Yan

Design of a Chain-type Self-reconfigurable Robots
Yaojunwu, Zhanglinxian

A Brief Analysis on the Trend of Modern Household Socket Design
Nan Hu, Weiping Hu

The Creation and Interpretation of Visual Image in Product Animation
Miao Zhou, Feng Wang

Folding Art Conforms to Small Spatial Furniture Design
Yan Li

Innovation Design of Pencil Sharpener
Zhiguo Zhang, Qiaqiao Shi, Riheng Song, Jiming Huang

Based on AtriosCAD Analysis of Development and Design of Collapsible Fast-food Boxes
Qiu Haitao, Pan Lili, Wu Yan

Research on the Quick Proofing Process of Carton
Wu Yan, Qiu Haitao, Pan Lili

Views Under the Feet—An Analysis on the Heels Design of High-heeled Shoes
Bo-xuan Wei

Planning and Designing About Approached-water Space of White River Waterfront in Nanyang
Bingxing Yan, Weiping Hu

Research on Functional Innovation of Intelligent Wheelchair Based on Internet Survey
Zhichuan Tang, Xin Wang

An Introduction to the Recreational Design of Package Material
Hongbo Zhang

The Environmental Protection Concept in Package Design
Qiang Zhu

Inspiration on Modern Furniture Design in China from Nordic Furniture Design Concept
Benhua Tang, Weiping Hu

Fashion Design Conception Based on Female Physical Attractiveness
Chun-Sheng Wu, Qiao-Ying Wu
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>0037</td>
<td>Design of Double-color Injection Mould with Hot Runner Based on CAD/CAE Technology</td>
<td>Xu Yan, Jia Jianbo</td>
<td>148</td>
</tr>
<tr>
<td>0038</td>
<td>The Optimal Choice of Computer-aided Design Software in Modern Industrial Design</td>
<td>Cai Ke Zhong</td>
<td>153</td>
</tr>
<tr>
<td>0039</td>
<td>Car Body Hybrid Design Technology in Forward and Reverse Way</td>
<td>Nan JIANG, Heng WANG, Hai LIU, Xuelong HU</td>
<td>156</td>
</tr>
<tr>
<td>0040</td>
<td>The Research and Practice of Mechanical Product Identity System Design Theory</td>
<td>Wangqun Xiao</td>
<td>162</td>
</tr>
<tr>
<td>0041</td>
<td>Development Pattern of Industrial Design in China</td>
<td>Yu Chen, Liang Zhi Li, Zhi Jun Wu</td>
<td>165</td>
</tr>
<tr>
<td>0042</td>
<td>Basic Course Education in China A Survey and Comparative Analysis</td>
<td>Jun Huang, Yu Chen</td>
<td>171</td>
</tr>
<tr>
<td>0043</td>
<td>Culture-adapted User Interface Design Method for Mobile Phone: Correlation between User Knowledge and Icon</td>
<td>Chen Yumiao, Xu Jiang, Yang Zhongliang</td>
<td>177</td>
</tr>
<tr>
<td>0044</td>
<td>The Creation of the Independence of Visual Communication Design and Visual Effects</td>
<td>Zhao Chao</td>
<td>181</td>
</tr>
<tr>
<td>0045</td>
<td>A Product Visualization Model Construction Method in Computer Aided Conceptual Design</td>
<td>Dengkai Chen, Bo Li</td>
<td>185</td>
</tr>
<tr>
<td>0046</td>
<td>Application and Research of Traditional Blue-and-White Elements in Modern Packaging Design</td>
<td>Hongzhong Hu, Wentao Li</td>
<td>191</td>
</tr>
<tr>
<td>0047</td>
<td>Design and Teaching Research of Dynamic Interaction VI</td>
<td>Li Xia</td>
<td>195</td>
</tr>
<tr>
<td>0048</td>
<td>Some Thought About the Discussion of Teaching in Terms of Design History</td>
<td>Hao Tang, Xurui Tan</td>
<td>199</td>
</tr>
<tr>
<td>0049</td>
<td>Natural User Interface-Next Mainstream Product User Interface</td>
<td>Wei yuan Liu</td>
<td>203</td>
</tr>
<tr>
<td>0050</td>
<td>Review of Research and Development Status of Community Mutual Assistance Services System for Senior Citizen</td>
<td>Wei Huang, Jingjing Zhang</td>
<td>206</td>
</tr>
<tr>
<td>0051</td>
<td>Design Concept of the New International Teaching Buildings in Modern Universities</td>
<td>Dai Fei</td>
<td>209</td>
</tr>
<tr>
<td>0052</td>
<td>Human-oriented Design of Color Elements in the Interior Design</td>
<td>Liping Bai</td>
<td>213</td>
</tr>
<tr>
<td>0053</td>
<td>Green Design Course Multi-dimension Goals Setting and Achieving</td>
<td>Huang Tao, Gou Rui</td>
<td>218</td>
</tr>
<tr>
<td>0054</td>
<td>The Direction of Footwear Computer-aided Design in China</td>
<td></td>
<td>222</td>
</tr>
</tbody>
</table>
Mazequn, GouRui

0055-266 Study on Reforger And Biology Mechanics of Individual Femur
Huan Wang, Shijie Li

0056-267 Research on Design of Serious Game Based on GIS
Zhang Cheng, Fang Hao, Zeng JianYou, Shuai Yun

0057-82 Teaching and Research About Design Methodology in Animation Design
Specialty
Guobin Peng, Runhong Peng

0058-270 Acquisition of Product Form Perceptual Image Information and
Establishment of Information Database System Based on Web
Xinjian Ma, Bingbing Wang, Keming Wang, Kejia Yao

0059-271 The Optimization Design of Product Form and its Application Based on
BP-GA-CBR
Xiaoan Yang, Jingjing Song, Bingbing Wang, Yingchao Hui

0060-273 On the Influence of CAD on Landscape Design
Wenting Chen

0061-275 Annatto Furniture Design Works of College Students in Some Problems
Xiaoyan Guo, Yaohui Guo, Yuhua Cao, Yaozong Guo

0062-277 Design Elements in Jewelry Design
Li shaobin

0063-283 Research on Bionics Design of Sedan Contour
Xinjun Zhao, Yan Lu, Xiaofeng Sun, Jingwei Cui

0064-296 The Application of Product Bionic Design in Emotional Design
Ningna Sun

0065-301 About Model Link in Design Process
Jing Jing, Huaxin Chen, Yu'an Liu, Yue'en Li

0066-304 Product Robust Design Based on Evolutionary Algorithm
Zhou Ming, Xue Chengqi

0067-311 Research on Computer Aided Machine Tool Color Design
Wang Ning, Yu Suihuai

0068-317 The Strategic Research of Traditional Handicraft Products' Modern
Development bases on Consumer Psychology
Zhu Yihao, Zhu Yuning

0069-319 Structure Design and Product design
Kai Zhang, Chunfa Sha, Liqing Huang

0070-321 Industrial Product Design in the Vision of Security
Xiaopu Jiang, Tingli Xu

0071-322 Research of Iphone Application UI Design Based on Children Cognition
Feature
Xiaodong Pan

0072-323 Auxiliary Functions of Geometrical Forms in Design
Tianxuan Hu

0073-324 Research on Product Shape Innovation Design Method with
Human-Computer Interaction Through Genetic Algorithm
Jianning Su, Shutao Zhang
0074-338 A Study of ATM Secure Interaction on User-based
Chen Jinping, Chen Fanfan
306

Furniture Creative Evolution and Design Innovation Factor
KE Qiu, Minglang Yang, Zhao hong wan
0075-342
311

A Product Form Design Study Based on Semiotics
Fan Zhang, Cheng Yang, Weiqiang Ying
0076-348
317

Research on Design Sketch Teaching from the View of Creative Thinking
Mingzhu Li, Liqing Huang, Zhangping Lu, Canqun He
0077-350
321

Research of Product Innovative Models Based on QFD, TRIZ and DOE
Minglang Yang, Jianghua Hu, Lu Huang
0078-355
325

A Study on "5W1H" User Analysis on Interaction Design of Interface
Yonghai Yu, Yun Bi
0079-357
329

Intelligent Aided Multicolor Design Technology Based on Semantics
Jun Ye, Weiping He, Gentheng Sun
0080-365
333

New Platform for Collaborative Business Innovation System Design in a Virtual Garment Enterprise
JIN Chenyi
0081-370
337

Creative Design of Multi-functional Office Chair Based on TRIZ Theory
Minglang Yang, Jianchang Zhang, Qianwen Wang
0082-371
341

Research on the Key Technology of Product Design on Basis of Six Sigma
Miao Wang, Saihuai Yu, Qing Feng, Jianjie Chu
0083-376
344

Research on human-computer interactive interface in visualized information
Zhou Lili, Wei Yanli
0084-377
349

Emotional Design In the interface of Website for the aged
Jie Min
0085-380
353

Web-based Image Scale Dynamic Partition
Jiang Ke, Wang Jing-jing
0086-381
355

The Comparison of User-centered Design and Goal-directed Design
Chen Wei, Fang Xing
0087-387
359

A Research in the Integration Degree between Product Image and Corporate Brand Image
Qiang Chen, Lufang Zhang, Xinxin Qiao
0088-397
361

Interaction-oriented Creative Design for Everyday Product Sign
WU Zhi-jun, LI Liang-zhi, Chen Yu, NA Cheng-ai
0089-406
365

The 3D Simulation of Mechanic Arm Based on IK System
YANG Qin, LV Jian, SHEN Jian-chu, LUO Sheng-zhao
0090-411
369

The Application and Research of Fractal Unit Design in Product Modeling Design
Ying An, Renping Xu, Guanlan Gan
0091-414
374

Reflection on Attributes of Color Design Analysis on Development of Chinese Color Design Education
Binbin Huang
0092-424
378

The Data Structure and Realization Model of Product Style Derivation
0093-425
381
<table>
<thead>
<tr>
<th>Paper Number</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>0095-432</td>
<td>Implicit and Explicit Interaction in RFID Technology Application</td>
<td>Wang Haibo, Xue Chengqi, Wang Zongbo</td>
</tr>
<tr>
<td>0096-234</td>
<td>Application of Dynamic Logos in Modern Visual System</td>
<td>Hongzhong Hu, Yongjun Chen</td>
</tr>
<tr>
<td>0097-435</td>
<td>Interface Design in the Ship Navigation Information System</td>
<td>Baixi Xing, Jianfeng Wu</td>
</tr>
<tr>
<td>0098-440</td>
<td>Research on Integral Design and Innovation of Street Furniture in Hangzhou</td>
<td>Liu Wenting, Song Tian, Zhuang Hong, Yao Ying</td>
</tr>
<tr>
<td>0099-441</td>
<td>Exploring the Cultural Connotation of Innovation in Furniture Design From the Perspective of Technology</td>
<td>Hui Shao, Bing Xu</td>
</tr>
<tr>
<td>0100-447</td>
<td>Positioning and Functional Study of Murals in High-speed rail VIP Lounge</td>
<td>Baixi Xing, Jianfeng Wu</td>
</tr>
<tr>
<td>0101-457</td>
<td>A Study on Teaching Method of Reverse Analysis in Web Animation Design</td>
<td>Yanli Wei, Lili Zhou</td>
</tr>
<tr>
<td>0102-458</td>
<td>One Metaphorical Design of Mobile Terminal Interface</td>
<td>Hongzhong Hu, Yongjun Chen</td>
</tr>
<tr>
<td>0103-459</td>
<td>The Apparel Higher Education in China: Reform and Development</td>
<td>Liu Wenting, Song Tian, Zhuang Hong, Yao Ying</td>
</tr>
<tr>
<td>0104-461</td>
<td>Research on Visual Elements of Web UI Design</td>
<td>Hongzhong Hu, Yongjun Chen</td>
</tr>
<tr>
<td>0105-463</td>
<td>Application of Bionic Design in Product Form Design</td>
<td>Baixi Xing, Jianfeng Wu</td>
</tr>
<tr>
<td>0106-465</td>
<td>Visualization of Optimum Design Based on Genetic Algorithms</td>
<td>Yanli Wei, Lili Zhou</td>
</tr>
<tr>
<td>0107-468</td>
<td>A Research of Train Interior Color Design Based on Passenger Experience</td>
<td>Hongzhong Hu, Yongjun Chen</td>
</tr>
<tr>
<td>0108-469</td>
<td>Real-time Cloth Simulation Based on Improved Verlet Algorithm</td>
<td>Yanli Wei, Lili Zhou</td>
</tr>
<tr>
<td>0109-471</td>
<td>Inspiration of Henry Moore’s sculptures to Fundamental Modeling Courses</td>
<td>Hongzhong Hu, Yongjun Chen</td>
</tr>
<tr>
<td>0110-475</td>
<td>Study of Industrial Design Practical Education Based on Digital Design</td>
<td>Hongzhong Hu, Yongjun Chen</td>
</tr>
<tr>
<td>0111-478</td>
<td>Research on Robustness of Conceptual Design based on Axiomatic Design</td>
<td>Hongzhong Hu, Yongjun Chen</td>
</tr>
<tr>
<td>0112-482</td>
<td>A TRIZ-based Process Model for Technology Evolutionary Potential Forecast</td>
<td>Hongzhong Hu, Yongjun Chen</td>
</tr>
<tr>
<td>0113-487</td>
<td>Design on Fast Rescue Stretcher With a Single Operation</td>
<td>Qinghua Cao</td>
</tr>
<tr>
<td>0114-205</td>
<td>Basic Design for Cultivating Creative Thinking</td>
<td>Hongzhong Hu, Yongjun Chen</td>
</tr>
<tr>
<td>Paper Number</td>
<td>Title</td>
<td>Authors</td>
</tr>
<tr>
<td>--------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>0115-503</td>
<td>Research of the Product Design and Development Process based on System Theory</td>
<td>Yu Chen, LiangZhi Li, ZhiJun Wu</td>
</tr>
<tr>
<td>0116-513</td>
<td>A New Approach to Realize Sustainability—Integrated Design under the Product and Service System Framework</td>
<td>Yueqin Wu, Hu Sun, Sailan Wang</td>
</tr>
<tr>
<td>0117-514</td>
<td>User's Behavior-based Creative Product Design Process</td>
<td>WU Zhi-jun, LI Liang-zhi, Chen Yu, Cai Yan</td>
</tr>
<tr>
<td>0118-514</td>
<td>Creative Idea Generation of product modeling Symbol</td>
<td>Kailing Zhang, XinWang, Zhengxi Liu</td>
</tr>
<tr>
<td>0119-538</td>
<td>The Innovation and Explorations in “The Design For Catering”</td>
<td>Ren Chengyuan, Wang Zhihua</td>
</tr>
<tr>
<td>0120-541</td>
<td>Discussion of Developing Chinese Design Education from Three Aspects</td>
<td>Tan Ning, Zhou Min</td>
</tr>
<tr>
<td>0121-547</td>
<td>Research of Biomorphic Imitation on the Design of Children's Toys</td>
<td>Xie Di, Yan Bo</td>
</tr>
<tr>
<td>0122-548</td>
<td>Application Of Engineering Methods In Art Design Of Software Interface</td>
<td>Xinyu Wei, Zhanfeng Shi, Yiran Wei</td>
</tr>
<tr>
<td>0123-558</td>
<td>Discussion on Modeling Design and Implement of ATV</td>
<td>Zhang Mingchun, Yang Ling</td>
</tr>
<tr>
<td>0124-567</td>
<td>The Differentiation Way of Integrated Ceiling Products</td>
<td>Chen Lingjiang, Xu Xiaojuan</td>
</tr>
<tr>
<td>0125-216</td>
<td>Chinese Elements of Cross-border Study</td>
<td>Zhao Chao</td>
</tr>
<tr>
<td>0126-585</td>
<td>The Application and Research of Product Image Quantitative Analysis in Mobile Design</td>
<td>HaoFeng Huang, YouJian Wang</td>
</tr>
<tr>
<td>0127-603</td>
<td>The Humanized Design of Children Furniture</td>
<td>Xiaoan Guo, Yuhua Cao, Dehui Ye, Yaohui Guo</td>
</tr>
<tr>
<td>0128-592</td>
<td>Aesthetic User Experience and Apparent Space Dimensions</td>
<td>LEI Tion</td>
</tr>
<tr>
<td>0129-614</td>
<td>The Design Teaching Based on Design Practices in Comprehensive Universities</td>
<td>Cheng Yang, Zheng Liu</td>
</tr>
<tr>
<td>0130-616</td>
<td>Product Identity based waterpipe fittings product development</td>
<td>Xu Xiaojuan, Chen Lingjiang</td>
</tr>
<tr>
<td>0131-617</td>
<td>The Study on Companionship Scale of Electronic Pet</td>
<td>Ding-Bang Luh, Elena Carolina Li, Yu-Rong Gao</td>
</tr>
<tr>
<td>0132-624</td>
<td>Empirical Study of Urban Youth Consumer Groups for Sportswear Brands</td>
<td>Hanyu Zhu</td>
</tr>
<tr>
<td>0133-627</td>
<td>A General Study of Design for Disassembly for Electronic Products</td>
<td>Jialin Chen</td>
</tr>
<tr>
<td>Paper ID</td>
<td>Title</td>
<td>Authors</td>
</tr>
<tr>
<td>-----------</td>
<td>-----------------------------------------------------------------------------------------------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>0134-638</td>
<td>The Drawing Ability Required in Interior Design: Study From the Viewpoint of Interior Design Employees</td>
<td>Li-Yu Chen, Gen-Wen Chou</td>
</tr>
<tr>
<td>0136-667</td>
<td>A New Role of Designer's Value Through Design Consultation</td>
<td>CHEN Xiang, BumKyu Kang</td>
</tr>
<tr>
<td>0137-668</td>
<td>The Meaning of the Form: Discrimination of Modern Design Features</td>
<td>Tianjian Cui, Zheng Shen, Bijun Xu</td>
</tr>
<tr>
<td>0138-669</td>
<td>Achieving Design Innovation in the New Century</td>
<td>Yinan Li, Bin Jiang</td>
</tr>
</tbody>
</table>

Applied ergonomics and design

<table>
<thead>
<tr>
<th>Paper ID</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>0140-55</td>
<td>Ride Comfort Research of off-road vehicle based on Soft Terrain</td>
<td>Zhou Bing, Bi Tianle, Li Weiping</td>
</tr>
<tr>
<td>0141-70</td>
<td>The Humanization Design of Dental Facilities for Children</td>
<td>Yuanwu Shi, Fangyuan Hu</td>
</tr>
<tr>
<td>0142-71</td>
<td>Design of Controller Panel Based on Ergonomics</td>
<td>Yangxihui, Zhang Dinghua, Lu changde, Yu suihuai</td>
</tr>
<tr>
<td>0143-74</td>
<td>Analysis of Human Factors in Bed Design</td>
<td>Zhou Min, Tan Ning</td>
</tr>
<tr>
<td>0144-86</td>
<td>Humanistic Care in Design of Products For Women</td>
<td>Yuanwu Shi, Qianqian Wen</td>
</tr>
<tr>
<td>0145-183</td>
<td>The Humanistic Requirements for Children Food Packaging</td>
<td>Zhu Lingyu, Huang Liang</td>
</tr>
<tr>
<td>0146-193</td>
<td>A New Reflection of &quot;People-oriented&quot; Idea in the Industrial Design</td>
<td>Xuemei He, Jinsheng Liang</td>
</tr>
<tr>
<td>0147-230</td>
<td>Study on Ergonomics Evaluation Method of the Cockpit Display System</td>
<td>Zhou Yingwei, Zhuang Damin, Zhang Lei, Wanyan Xiaoru</td>
</tr>
<tr>
<td>0148-236</td>
<td>New Exploration of Modern Furniture Design Based on Ethical Design</td>
<td>Guorong Wu, Qingyuan Guo</td>
</tr>
<tr>
<td>0149-240</td>
<td>Research on Universal Design of Interior Layout of the Bus</td>
<td>Hui Zhu, Zhigang Huang</td>
</tr>
<tr>
<td>0150-257</td>
<td>TheoryBra designScienceAndArtistic expression</td>
<td>Zhengyang Li</td>
</tr>
<tr>
<td>0151-386</td>
<td>Correlation Model of Overall and local Sitting Comfort based on Rating Scales</td>
<td>Yang Zhongliang, Sun Shouqian, Gao Zenggui, Chen Yumiao</td>
</tr>
<tr>
<td>0152-431</td>
<td>Ergonomic Evaluation and Design of the VDT System for the Hermetic Cockpit</td>
<td></td>
</tr>
</tbody>
</table>
Hooting LIU, Jie LI, Weifen HUANG, Dongxu HAN, Fenggang XU, Weihao YANG, Shihua ZHOU

0153-484 Application Study of Ergonomics on College Apartments' Unit Furniture 633
   RUAN Lu-ning, WANG Hai

0154-519 The Improved Ergonomic Design for XZM - 100 Vibration Grinning Machine 639
   YIN YUBO, LI MEILIN, ZHU LIANG

0155-529 Motorcycle Helmet Safety Design Research 642
   Li Cui Yu, Li Min

0156-530 Research on Humanized Design for Induction Cooker 647
   Fangyu Li

0157-537 Application of Ergonomics in the Living Bathroom Environment 651
   Na ZHANG, Jiamin WANG

0158-635 Study on Driving Behavior in Emergency 655
   Chunlei Chai, Xiumin Lin

0159-505 Seat Surface Design due to the Analysis of Body Pressure Test Data 659
   Dongyan Cheng, Shouqian Sun, Zhongliang Yang, Ming Shao

New media art and design

0160-11 Experience Design & Application Animation 662
   Yingchong Xia

0161-28 MEMS-based Digital TV Interaction Innovation Research 665
   Li Li, Ren YI

0162-60 A New Interactively Experience Based on Multi-touch Technology 668
   Yingying Yang, Fei Wang

0163-88 Exploring Virtual Display Design Based on 3DSMAX and VR-Platform 673
   Tao Jin, Qingsheng Han, Na Zhang, Xu Jiang

0164-160 On the Amplification and Fabrication of the Ordinary Daily Life by Contemporary Artistic Innovation—Enlightment of Benjamin 676
   Zhang Wei, Li Haibing

0165-184 Virtual Reality for Arts and Design Education 679
   Song Xi

0166-223 The Application of the Media Materials in Public Art in the Context of the Digital Age 683
   Wang Feng

0167-232 Universal Design for Interactive Digital Television in China 688
   Jiang Wu, Junwei Zuo

0168-241 Research and Design of the “Voice-Touch-Vision” Multimodal Integrated Voice Interaction in the Mobile Phone 692
   Li xia, Wang xiaochun, Kang kai, Wang dan

0169-262 Mobile Phone UI Design Principles in the Design of Human-machine Interaction Design 697
   Xiangqian Fu
<table>
<thead>
<tr>
<th>ID</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>0170-295</td>
<td>Researches on Interactive Design of Touch-Screen Mobile TV Software Interface Based on CMMB Technology</td>
<td>Yonghai Yu, Xiajun Huang, Bing Xu</td>
</tr>
<tr>
<td>0171-337</td>
<td>The Development of Arts Education in the Context of New Media Art</td>
<td>Jiqiang Yang</td>
</tr>
<tr>
<td>0172-480</td>
<td>Research on Virtual Exhibition platform Based on User Experience</td>
<td>Nan Wang, Shuotong Liu</td>
</tr>
<tr>
<td>0173-629</td>
<td>New Media Art Aesthetics in the Context of traditional Chinese Arts</td>
<td>Chen Minnan, Zhong Chaofang</td>
</tr>
</tbody>
</table>

New area in digital art and design

<table>
<thead>
<tr>
<th>ID</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>0174-37</td>
<td>Application of Computer Image Processing Techniques on the Research of Silk Air Filter Paper</td>
<td>Lizheng Sha, Huifang Zhao</td>
</tr>
<tr>
<td>0175-56</td>
<td>MiniMum-Contrast Dominate Visual Search on Complex-Color Background</td>
<td>Xu Zhan-min, Zhan Quan</td>
</tr>
<tr>
<td>0176-168</td>
<td>Research and Development of the Generation in Japanese Manga Based on Frontal Face Image</td>
<td>Xuexiong Deng, Mu Li, Yueling Zhang</td>
</tr>
<tr>
<td>0177-269</td>
<td>Some Thoughts on Computer Aied Design in the Graphic Composition Teaching</td>
<td>Hua Fang, Jianjian Liu</td>
</tr>
<tr>
<td>0178-288</td>
<td>Inquiry into the Shape Design of Display Space Based on Visual Perception</td>
<td>Xurui Tan, Hao Tang</td>
</tr>
<tr>
<td>0180-389</td>
<td>Technology Investigation on Developing Fit Garment Patterns with Different Size in 2D and 3D CAD System</td>
<td>Yang Yunchu</td>
</tr>
<tr>
<td>0181-404</td>
<td>Application of two-order particle swarm optimization algorithm in image segmentation</td>
<td>Cao bin, Shen Xuanjing, Qian Qingji</td>
</tr>
<tr>
<td>0182-416</td>
<td>The analysis and Application of Associative Element-combining Configuration of Dongba Characters</td>
<td>Wenjuan Song, Kunqian Wang, Renping Xu, Lu Han</td>
</tr>
<tr>
<td>0183-434</td>
<td>Information Graphics As a Visual Language</td>
<td>Yuelin Liu, Lili Hao</td>
</tr>
<tr>
<td>0184-24</td>
<td>Based on Divide and Conquer System Reliability Modeling</td>
<td>LIU Shu-fen, JIN Zhao</td>
</tr>
<tr>
<td>0185-439</td>
<td>Discussion on the Application Methods of the Conversion of Music into Visual Arts</td>
<td>Zhu Jihong, Wang Zhehao, Chen Xinghai</td>
</tr>
<tr>
<td>0186-467</td>
<td>Algorithm Based Graphic in Art Design and Education</td>
<td></td>
</tr>
</tbody>
</table>
Leming Fan

0187-489 Motion Presence Study on Automobile Driving Simulator
Wang Xiu

0188-511 Image Retrieval Based on Color, Texture, Shape and SVM Relevance Feedback
Xia Yu, XiaoSha Huang

0189-517 The impact on industrial design by the development of three-dimensional printing technology from a technical perspective
Xing Liu, Xiaojiang Zhou

0190-596 Music Emotional Design by Evolutionary Algorithm
Zhang kejun, Sun shouqian

0191-607 A System Enables Pattern DIY for Apparel
Ruimin Lv, Yu Song, Zenguai Gao, Kejun Zhang

0192-636 Neck Entertainment Fitness System based on Face Recognition
Chunlei Chai, Mingming Wang

0193-653 Study on the Rapid Design Techniques of Crystal Lighting
Huan Su, Xiaojian Liu

0194-654 Research into 3D Pixel Animation Techniques
Huan Su, Xiaojian Liu

0195-642 Dipainter: Take Image Difference as Paint in Digital Painting
Lv Ruimin, Wu Jianfeng, Zhang Zhidong

0196-45 Limited Animation: History and Artistic Techniques
Xiaoshan Li