Contents

Part I  Color Science and Technology

Test Criteria and Investigation of Uniform Color Spaces
to Meet the Requirements of Future Imagery ...................... 3
Muhammad Safdar and Ming Ronnier Luo

Image Colorization Method Using Texture Descriptors
and ISLIC Segmentation ........................................ 9
Liqin Cao, Lei Jiao and Zhijiang Li

Study on Spectral Reconstruction Based on Sample
Optimization Method of Color Digital Camera ..................... 17
Zhaoyang Jia and Guangxue Chen

What Do We Need for Assessing Whiteness? ...................... 25
Shining Ma, Minchen Wei, Jing Liang and Ming Ronnier Luo

Regional Culture Preferences to LED Light Color Rendering ......... 33
Ran Wei, Xiaoxia Wan, Qiang Liu, Guo Cao and Haiwen Wang

Gamut Testing of EPSON Stylus Photo R270 Color Ink-Jet
Printer by ICC 3D .............................................. 41
Xiaochun Li, Ming Zhu and Mingming Yin

Research on Spectral Reflection Characteristics of Overprinted Color
Inks and the Numeric Compensation to the Theoretical Model ....... 49
Ji Qi, Yang Jin, Xinggen Qian and Yusheng Lian

Dual Attributes of Color ............................................. 55
Yechi Pang, Zhijie Li, Pengfei Zhao, Min Xu and Wensi Liang

Extracting the Representative Colors in Facial Image Based
on the Eye Tracking ................................................ 65
Pei Deng
Study on Color Model on Green Gamut Part for High Fidelity Printing ............................................. 75
Xiaoyan She, Shisheng Zhou and Guanjun Zhu

Polynomial Fitting Approach for Colorimetric Values Transform Based on Large Scale Spectral Dataset ................. 83
Yijing Xun, Qiang Liu, Xiaoxia Wan, Zheng Huang, Guo Cao and Haiwen Wang

Study on Color Matching Technology of Flexographic Printing Ink .......................................................... 91
Ben Liu, Maohai Lin, Guichun Hu and Meiqi Lin

Study on Gamut Mapping Algorithm Based on GRNN ................. 99
Pukang Yuan, Qiang Wang, Lingjun Kong and Quanhui Tian

Performance Test of Liquid Crystal Display Parameters ............. 105
Hongyan Chen, Li Cheng and Xiao Jin

Simulation and Rejuvenation for Chinese Fading Paint Under Ultraviolet .................................................. 117
Zhen Liu, Fang Cai, ShuangShuang Chen and Chong Sun

Study on Observers’ Categories Based on Color Matching Experiments ......................................................... 123
Chunjie Shi, Min Huang, Yu Liu, Zeyang Li and Haoxue Liu

Measurement and Analysis of Colorimetric Values for Holographic Paper with Light Pillars ......................... 131
Zeyang Li, Min Huang, Yu Liu, Chunjie Shi, Haoxue Liu and Guihua Cui

A Brief Review of Colour Quality Assessments of LED Lightings for Museums .................................................. 139
Qiyan Zhai and Ming Ronnier Luo

Testing the Performance of Color Difference Formulae Using Two Distinct Glossiness of Color Printing Atlas ........ 145
Jing Liang, Buyun Yao, Siyu Ning and Liang Sun

Color Restoration Method of Underwater Multispectral Images .... 153
Ping Yang, Yilu Guo, Hong Song, Jingnan Sun, Yong Wang, Xiandou Zhang and Qiang Wang

Research on the Conversion Algorithms of Monitor Color Management Based on WCS ........................................ 161
Rui Zhang, Congjun Cao, Nana Liu and Jingshang Fan

Presumption Evaluation of Color Reproduction Based on Multi-feature Model in Digital Printing ......................... 171
Yang Zhao, Xiaozhou Li, Xuelin Li, Qian Cao and Jingqiang Jia
Part II Image Processing Technology

A New Parallel Hierarchical K-Means Clustering Algorithm for Video Retrieval ........................................... 179
Kaiyang Liao, Ziwei Tang, Congjun Cao, Fan Zhao and Yuanlin Zheng

Comprehensive Imaging Quality Assessment Method for Laser Printer Based on SVM ........................................ 187
Yaohua Yi, Luolan Zhou, Yuan Yuan and Rui Li

An Efficient Approach of Color Image Matching by Combining Color Invariant and ORB Feature ..................... 195
Shenghui Li, Ruizhi Shi and Hui Ye

Color Printing Image Quality Evaluation Method Based on Full Quaternion Matrix ........................................ 205
Yunfei Zhong, Ruojing Wang, Lujing Fu, Yaojian Hu and Lu Chen

An Output of Oil Painting Stylized Digital Image from Photographs with Optimum Tone Reproduction ............ 213
Jing Geng, Congjun Cao, Jingshang Fan, Hirokatsu Shimizu, Naokazu Aoki and Hiroyuki Kobayashi

Contrastive Analysis on Emotional Cognition of Skeuomorph and Flat Icon .............................................. 225
Xiaoming Zhang, Qiang Wang and Yan Shi

Reproduction of HDR Image Based on Multiple Bilateral Filtering ..... 233
Yang Zhao, Xiaozhou Li, Jingqiang Jia and Qian Cao

BOF Image/Video Retrieval Model with Global Feature .............. 241
Mingzhu Zhang, Kaiyang Liao, Congjun Cao, Fan Zhao and Yuanlin Zheng

Applications of Personalized QR Code on Packaging Design ........ 249
Xianjing Bao, Yunfei Zhong, Pengcheng Su and Ruojing Wang

Research on Augmented Reality of Printed Matter Based on Random Ferns and Orientation Gradient with Integral Graph ....... 257
Da Li, Ruizhi Shi, Xuhui Zhao and Hui Ye

BM3D Image Denoising Algorithm Based on K-Means Clustering ..... 265
Jinru Gao and Qiang Wang

Person Re-identification Based on Fusing Appearance Features in Perceptual Color Space ..................................... 273
Caixia Fan, Yajun Chen and Lei Cao

A Night Image Enhancement Algorithm Based on Guided Filtering ........................................... 283
Xuxin Tang, Zhijiang Li and Yuhang Chen
Three-Dimensional Color Gamut Visualization and Interaction for Digital Images .................................................. 289
Zhijin Li, Maohai Lin, Guangyuan Wu, Yehong Chen and Meiqi Lin

Application of Multi-spectral Technology in Presswork Forgery Prevention ......................................................... 297
Yan Li and Dongsheng Jiang

Scene Text Segmentation Method Based on MSER and MLBP .......... 305
Miaomiao Guo, Yaohua Yi, Juhua Liu and Ying Li

Research on Stereo Image Rendering Based on Micro Lens Array ................................................................. 311
Wei Liu, Guangxue Chen and Mengyu Li

Research on Reading Recognition Technology of Gas Meter Based on Key Feature Matching ................................. 317
Wenfa Qi, Bowen Xue and Yuxin Liu

Image Quality Assessment Scheme Based on Structural Contrast Index and Gradient Similarity .................................. 325
Li Liu, Yuanlin Zheng and Wei Wang

Study on Memory Color Extraction Method of Image Processing ...... 333
Jingnan Sun, Ping Yang and Qiang Wang

Part III Digital Media Technology

Semantic Based Text Similarity Computation .............................. 343
Yaqi Liu and Zhijiang Li

Design and Manufacture of 3D Printers of Virtual Assembly Display Platform .................................................... 349
Haiyue Zhang and Zhanjun Si

Research on the Application Process of Mobile Augmented Reality in Printed Product ............................................. 357
Hui Ye, Ruizhi Shi, Shenghui Li and Da Li

Research and Application of Online Image Processing Technology Based on HTML5 ............................................ 367
Chunxia Dong and Zhanjun Si

Information Publishing System Based on the Framework of Django ................................................................. 375
Shenliang Li and Zhanjun Si

Trends of Digital Publishing: A Case Study of Taiwan’s Tourist Press ............................................................... 383
Yungcheng Hsieh, Mingchw Wei and Yungchao Ting
Design and Implementation of Interactive Courseware Based on Mobile Terminal ........................................ 393
Ying Wang, Zhanjun Si and Lu Zhang

Generating Customized PDF Document Based XML Source Data .................................................. 401
Rubai Luo, Meng Wang and Shisheng Zhou

Research on Presswork to eBook Conversion Method .................. 409
Ying Hu and Huiqiang Lu

Interactive Design of Mobile Game Interfaces Based on UCD ........ 415
Jing Zhao, Lei Guo and Chunhong Zhang

Research and Implement of HTML5 Game Based on WebSocket .............................................. 423
Ke Shen, Zhanjun Si and Lu Zhang

Part IV Printing Engineering Technology

Research on a New Reflectance Model for Printing Based on Dot Shape ........................................ 431
Qi Wang, Xi Yang and Honghao Liu

Impact of Screening Parameters for Electrostatic Imaging Quality ........................................... 441
Kaili Zhang and Guangxue Chen

Guichun Hu, Haoran Fang, Maohai Lin and Fuqiang Chu

Study on Fidelity of Inkjet Dots Based on Multiple Linear Regression Analysis .............................. 453
Fangfang Lu, Zhitaoh Zhang, Yang Zou and Yanfen Zhang

Study on the Mode of the Printing Industry in Cloud Computing ........ 461
Yunzhi Chen, Yongkai Wang and Chong Gu

A Pre-actuation Method for Initial Droplets Accurateness of Inkjet Printing with Volatile Materials .......... 467
Zhiqiang Gao, Cheng Sun, Liqiang Huang and Xing Yin

Analysis of Print Quality of UV Flatbed Inkjet Printer .................. 475
Ying Wu and Ang Xu

Process Analysis of Seamless Adhesion for Cutting Model Printed by Color Paper-Based 3D Printing .......... 483
Jiangping Yuan, Yimin Liu, Guangxue Chen and Liuxi He
Study of Printing Process of Creative Prints Based on TFEL Technology ................................................. 489
Rubai Luo, Ming Lu and Shisheng Zhou

Study on the Influence of Paper Surface Efficiency on Ink Color Effect .................................................. 497
Li Cheng, Xuejun Tian and Xi Xiong

Effect of Different Basic Weight of Paper on Microfluidic Devices Fabricated by UV Inkjet Printing .............. 509
Yingzhe He, Guangxue Chen and Junfei Tian

Performance Study of Flexible Capacitive Pressure Sensor Based on Dielectric Structures .................. 515
Qichao Hou, Mengmeng Liang, Ruping Liu and Wei Wang

Paper Suitable Analysis Based on Printed Electronics ......................... 525
Zhongmin Jiang and Yingmei Zhou

Water Washing Improving the Conductivity of Flexography Printed ITO-Free Transparent Electrode for Polymer Solar Cells ........ 531
Yi Fang, Lu Fu, Yuanyuan Li, Yafang Feng, Shiqi Zhu, Yanfang Xu, Li Yang and Luhai Li

Study of the Screen Printing Technology on RFID Tag Antenna .... 539
Wei Liu, Guangxue Chen and Yusi Zhang

Research on the Covering Property of White Ink Applied on Transfer Paperboard ........................................ 547
Xinting Wang, Guorong Cao, Ling Cheng and Xu Wang

Research on Theory and Application of Computer Ink Color Matching ......................................................... 555
Guhong Liu, Qifeng Chen and Guangxue Chen

PTC Effect of Conductive Composites Based on Resin Mixed with Carbon Nanoparticle ......................... 561
Mengmeng Liang, Qichao Hou, Ruping Liu, Xudong Wu, Wei Wang and Luhai Li

Part V Packaging Engineering Technology

Preservation Effect of Thymol Active Packaging Films on Sugar Oranges ................................................. 571
Xiaowen Liu, Yabo Fu, Dongli Li and Wencai Xu

Experimental Investigation of Influence Factors for Compression Strength of Thin Honeycomb Paperboard Box ................................................. 581
Shibao Wen, Xiaoke Chu and Jujie Sun
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research on Application of WSN in Cold Chain Logistics’ Warehousing and Transportation</td>
<td>589</td>
</tr>
<tr>
<td>Hanyue Zhang and Shijuan Yang</td>
<td></td>
</tr>
<tr>
<td>Effect of Pressure Sensitive Adhesive Polypropylene Tape on Performance of Corrugated Box</td>
<td>599</td>
</tr>
<tr>
<td>Bingjie Shi and Xiaohui He</td>
<td></td>
</tr>
<tr>
<td>Finite Element Analysis of Moisture Diffusion in Damp-Proof Packing</td>
<td>607</td>
</tr>
<tr>
<td>Hongtao Miao</td>
<td></td>
</tr>
<tr>
<td>Analysis of the Dynamic Performance of the Cushion Material Composed of EPE and EPS Based on Finite Element Method</td>
<td>617</td>
</tr>
<tr>
<td>Xiaoli Song, Gaimei Zhang, Jiandong Lu and Fanjun Meng</td>
<td></td>
</tr>
<tr>
<td>Modal Analysis on Laptop and Its Packaging System Based on Finite Element Method</td>
<td>627</td>
</tr>
<tr>
<td>Gaimei Zhang, Xiaoli Song, Xiongbin Zhao, Jingting Zhang, Yue Shi and Fan Su</td>
<td></td>
</tr>
<tr>
<td>Analysis of Mechanical Properties of Glass Packaging</td>
<td>635</td>
</tr>
<tr>
<td>Jiang Chang, Xue Gong and Zhihui Sun</td>
<td></td>
</tr>
<tr>
<td>Investigation of Active MAP Film with Menthol on Sugar Orange Preservation</td>
<td>643</td>
</tr>
<tr>
<td>Hui Liu, Yabo Fu, Dongli Li and Wencai Xu</td>
<td></td>
</tr>
<tr>
<td>Effect of Oxygen Permeability and Water Vapor Permeability of Fresh-Keeping Bags on the Preservation Effect of Nectarine</td>
<td>651</td>
</tr>
<tr>
<td>Juanping Li and Dongli Li</td>
<td></td>
</tr>
<tr>
<td>Identification Method of Egg Freshness by Principal Component and Discriminant Analysis</td>
<td>659</td>
</tr>
<tr>
<td>Yinghao Xing, Qigen Tong, Xiujuan Zhi and Bin Du</td>
<td></td>
</tr>
<tr>
<td>Application of Ultra-High Pressure Technology in the Processing of Shellfish Shell</td>
<td>667</td>
</tr>
<tr>
<td>Xue Gong, Jiang Chang and Zhihui Sun</td>
<td></td>
</tr>
<tr>
<td>Research on Storage Location Technology Based on RFID</td>
<td>673</td>
</tr>
<tr>
<td>Hanyue Zhang, Xixi Feng and Jiao Wen</td>
<td></td>
</tr>
<tr>
<td>Simulation Research About the Influence of Particle Characteristics on Transition of Particles in the Horizontal Screw Conveyor</td>
<td>683</td>
</tr>
<tr>
<td>Jiandong Lu, Tianshu Zhao, Lizheng Zhang and Xiaoli Song</td>
<td></td>
</tr>
<tr>
<td>Design and Material Selection of Shopping Malls Point-of-Purchase Displays</td>
<td>689</td>
</tr>
<tr>
<td>Deqing Chen and Miaomiao Zhong</td>
<td></td>
</tr>
</tbody>
</table>
Present Situation and Ideas of Express Packaging Greenization 697
Ling Cheng and Guorong Cao

Problems and Solutions for Express Logistic Packaging 705
Chenyang Liu and Lijiang Huo

Lizheng Zhang, Jiandong Lu, Guorong Cao and Hongtao Miao

Research on the Embedding of Brocade Pattern of Li Nationality in Tourism Product Packaging 719
Wenjia Liu, Junwei Hu and Jinmin Gao

Part VI Mechanical Engineering & Numerical Control Technology

Research on Warpage Deformation Mechanism & Control Method of Fused Deposition Parts 729
Linlin Liu, Chuliang Wan, Kaikai Li and Jimei Wu

Incomplete 3D Model’s Repair Based on AFPF Technology 739
Shun Pan, Jiong Liang, Kun Hu and Yonghao Xiao

Object Tracking Algorithm Based on Adaptive Learning Parameter by Online Loss Detection 745
Yehong Chen, Pil Seong Park, Pingli Lv and Maohai Lin

Structure Design of Front-Edge Paper Feeder in the Production Line of Corrugated Carton 753
Jin Wang, Rongyu Ge and Jiatai Wang

Traction Characteristics of Guide Roller with the Air Entrainment 759
Mingyue Shao, Jimei Wu, Li’e Ma and Zhen Tian

Virtual Design of Web-Fed Typed Paper—Feeding Mechanism with Virtual Prototyping Technology 767
Hongqiang Wan, Minru Yao and You Li

Transducer Torque Control System of the Web Wind-up Tension in Gravure Press 775
Qiumin Wu, Hanxiao Zhang and Jimei Wu

Study on the Flow Mixing Results of Revolving Static Mixer Used in Solventless Laminator 783
Hongwei Xu, Wei Li, Xusheng Wang, Hang Zhang and Donghong Liu
Effect of High Temperature on Morphology and Structure of a New Composite as Raw Material of Filament for Fused Deposition Modeling Processes ........................................ 791
Yonghao Xiao, Jia Yan, Kun Hu, Lin Zhu, Shun Pan, Luhai Li and Yen Wei

Mechanical Property and Structure Improvement of Sleeve Mandrel in Central Impression Flexographic Press ................. 797
Li’e Ma, Jierui Li, Jimei Wu, Shuaichao Huang and Shanhui Liu

Digital Stamping Control System Design Based on the STM32 SCM ........................................ 803
Ming Mu and Yujie Ouyang

Print-Defect Detection Method Based on the Modified Artificial Immune Algorithm ........................................ 813
Guanjun Zhu, Shisheng Zhou and Xiaoyan She

Design of the Remote Fault Diagnosis System for the Printing Machines Based on the Internet of Things and Fuzzy Inference .... 825
Hongbo Liang, Shaozhong Cao, Xinpei Li and Hongfeng Xiang

A Method of Printing Press Fault Diagnosis Based on Image Texture Information ........................................ 837
Xueqian Bai, Haiyan Zhang, Weibo Chun, Zhuofei Xu and Qianqian Xu

A Method of Diagnosis for Printing Press Ink Roller Bearing Based on Acoustic Signal and Spectrum Analysis ................. 845
Yanyan Li, Haiyan Zhang, Qianqian Xu and Zhuofei Xu

Part VII  Ink and Related Technology

Study of Factors on Ethanol Resistance Stability of Water-Based Acrylic Resin Emulsion ........................................ 857
Changming Yin, Xiaoyu Li and Haiqiao Wang

Research of Water-Based Graphene Conductive Screen Printing Ink and Its Property ........................................ 865
Minghui Zhang, Xianfu Wei, Beiqing Huang and Bin Long

Effect of the Polyols Content on the Properties of the Waterborne Polyurethane ........................................ 875
Xin Wang and Fuqiang Chu

Study of Dispersion of the Yellow UV-LED Inkjet Ink ............... 883
Yiran Li, Xianfu Wei and Beiqing Huang

Double-Layer Corrosion Protection of Aluminium Pigments Applied in Water-Based Silver Ink ..................................... 893
Wenlong Zhao, Shisheng Zhou and Zhengneng Wu
Wettability and Dispersion of Phthalocyanine Blue Pigment and Evaluation of Its Effect on Printing Quality .................. 903
Ruichun Cao, Xianfu Wei, Qi Wang and Hui Zhang

Preparation and Characterization of Nano Silver Applied in UV-Curing Conductive Ink ........................................ 911
Ting Mi, Qifeng Chen and Guangxue Chen

Effect of Ketone and Hydrazine Self-Crosslinking Reaction on Polyurethane Emulsion ............................................ 917
Yunlong Huang, Zhigang Hu, Ying Chen, Xiaoyu Li and Haiqiao Wang

Luminescent Properties of Rhodamine 6G Doped with DNA-CTMA and Its Application in Fluorescent Ink-Jet Ink ......... 925
Hui Hao, Xia Li, Xiaoyu Zhu, Huan Zheng, Beiqing Huang, Xianfu Wei and Lijuan Liang

Luminescence Properties of Eu(TTA)$_3$(H$_2$O)$_2$ Doped with DNA-CTMA and Its Application in Fluorescent Inkjet Ink ......... 933
Tong Zhao, Chunrui Lin, Xiaoyu Zhu, Huan Zheng, Lianfang Li, Beiqing Huang, Xianfu Wei and Lijuan Liang

Influence of Coalescent on the Gloss of Plastic Water-Based Flexographic Ink .................................................. 941
Xue Gao, Zhiyong Sun, Yun Ouyang, Xiaofang Wang, Xiaoli Liu, Li Yang and Xiaojuan Feng

Study on Properties of Magenta Water-Based Flexo Ink Used on BOPP Film ....................................................... 949
Yang Liu, Beiqing Huang, Xianfu Wei and Ying Shen

Preparation of Acrylate Latex via RAFT Soap-Free Emulsion Polymerization ..................................................... 959
Weiwei Liu, Zhi Qiao, Jinjiang Tu, Xiaoyu Li and Haiqiao Wang

Effect of Defoamer on the Performance of Plastic Water-Based Flexographic Ink ............................................. 967
Xiaoli Liu, Yun Ouyang, Xiaofang Wang, Zhiyong Sun, Xue Gao and Yanchao Yu

Research on the Performance Optimization of Silver Water-Based Gravure Ink .................................................. 975
Tengfei Zhou, Beiqing Huang, Xihao Li and Xianfu Wei
Part VIII  Paper and Related Technology

Revealing the Components at Work in Classical Liquid Imbibition Models: Inertial, Bosanquet and Viscous Lucas-Washburn Applied to Printing ........................................ 987 Guodong Liu, Xinya Zhang, Meiyun Zhang and Patrick Gane

Effect of Main Composition of Dissolving Pulp on Its Reactivity ...... 997 Wei Liu, Guangxue Chen and Siwang Li

Study on the Antistatic Coating Technology and Coated Paperboard Performance ....................................................... 1005 Qinghua Gao, Junyan Huang, Shangjie Jiang and Huizhong Zhang

Influence of Silica Pigments with Different Sizes on the Performances of Coated Ink-Jet Printing Paper ................. 1015 Xu Liu, Yunzhi Chen and Zhengjian Zhang

Study on the Neutral Deinking Technology of Old Digital Printing Paper (ODP) .......................................................... 1021 Longkang Cong, Xiaolin Zhang, Liu Shi and Xiangsheng Deng

Part IX  Film and Related Material Technology

Preparation and Properties of Nano Zinc Oxide/Poly Lactic Acid Antibacterial Packaging Films ................................. 1029 Xing Yin, Cheng Sun, Zhiqiang Gao and Li Xue

Barrier Mechanism Analysis of Silicon Oxide Film by SEM .............. 1039 Lihua Zhu, Yan Li, Wensi Liang, Jun Wu, Yunjin Sun and Yun Ouyang

Preparation and Characterization of Cellulose Gel Films .......... 1045 Junran Li, Xiaojun Ma, Yunfei Wang and Xuejiao Zhang

Preparation and Research of POSS Modified PLLA Films: Mechanical Properties .................................................. 1053 Xiaohui Zhang and Feiyan Zheng

Preparation and DSC Analysis of γ-Poly Glutamic Acid Ester ........ 1061 Wei Xiao, Zhihui Sun, Fengqing Wang and Jing Dong

Application of Anti-static Release Coating in Packaging Film ........ 1067 Jichao Huang, Shenghong Chen, Chengzhi Li, Chunxiu He and Yun Xiang

Edible Coating Packaging and Its Preservation Effect to Cherry Tomatoes ........................................ 1075 Liya Zhou, Junyan Huang, Hao Xing, Qinghua Gao, Yaoqi Li and Xiaomin Li
Part X  Novel Functional Material Technology

Highly Sensitive Flexible Pressure Sensor with Microstructural Dielectric Layer .............................................. 1087
Zhengbo Li, Lianfang Li, Lixin Mo, Zhenguang Wang, Wei Yang, Hui Zhou, Haichao Zhang and Luhai Li

Hydrophilic Modification and Characterization of Bagasse Cellulose ............................................. 1095
Tingli Liu and Guangxue Chen

Synthesis of 2-Allyloxy-3,6,7,10,11-Pentabutoxytriphenylene and Its Mesophases Study ........................................ 1103
Wanying Zhang, Xingtian Hao, Feng Hong, Jianchuang Wang, Shuaifeng Zhang, Chunxiu Zhang and Jialing Pu

Research on the Preparation of Silver Nanoparticles by Chemical Reduction Method .......................... 1109
Yanxiang Li and Fuqiang Chu

Optical Emission Spectroscopy Diagnostics of HMDSO/O₂ Magnetized Plasma ........................................... 1115
Zhonghua Bian, Xinyue Wang, Yunjin Sun and Qiang Chen

Experimental Analysis of the Effect of Vacuum Degassing Technology on the Solventless Laminating Adhesive Performance .... 1123
Hongwei Xu, Xusheng Wang, Ruining Lei, Xuhong Chen and Donghong Liu

Effect of Monomer and Promoter on UV-LED Varnish Performance .................................................. 1131
Xiaoli Li, Shiyong Luo and Wencai Xu

Study of Printability of Hybrid Light Curable Material Used in 3D Printing—Product Flexographic Plate ........................................ 1139
Beiqing Huang, Xiaoyue Shang, Yiran Li, Xianfu Wei and Changlong Guo

Discussing the Preparation Conditions of Graphene ............................................................... 1155
Xiaotong Xiong, Beiqing Huang and Xianfu Wei

Study on the UV Curing Molding Material in 3D Printing Modification of Expanding Monomer .................. 1163
Lu Zhang, Beiqing Huang and Xianfu Wei

Preparation of Branched Polymers Using a Polymerizable RAFT Agent ........................................ 1171
Guiyu Ma, Zhongxiao Li, Yingjun Qi and Ti Wu
Advanced Graphic Communications and Media Technologies
Zhao, P.; Ouyang, Y.; Xu, M.; Yang, L.; Ouyang, Y. (Eds.)
2017, XXVIII, 1176 p. 601 illus. In 2 volumes, not available separately., Hardcover
ISBN: 978-981-10-3529-6