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Titolo	Advances in Graphic Communication, Printing and Packaging Technology and Materials : Proceedings of 2020 11th China Academic Conference on Printing and Packaging // edited by Pengfei Zhao, Zhuangzhi Ye, Min Xu, Li Yang, Linghao Zhang, Rengao Zhu
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Descrizione fisica	1 online resource (846 pages)
Collana	Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 754
Disciplina	686.22
Soggetti	Signal processing Image processing - Digital techniques Computer vision Industrial engineering Production engineering Printing Publishers and publishing Materials - Analysis Imaging systems Digital and Analog Signal Processing Computer Imaging, Vision, Pattern Recognition and Graphics Industrial and Production Engineering Printing and Publishing Imaging Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Development of a Uniform Colour Space for Evaluating Colour Differences under HDR Viewing Conditions -- Testing the Performance for Unrelated Colour Appearance Models -- Ink Color Matching Method Based on 3D Gamut Visualization -- Ultrasound Image Preprocessing Method for Deep-Learning-Based Fatty Liver Diagnosis -- Influence of Digital Printing Paper on Color Reproduction -- Printing Time Optimization of Large-size Powder-based 3D Printing -- Extension of

Cheese Shelf-Life using Chitosan– Procyanidin Composite Film with High Antioxidant Activity -- Research on Fault Diagnosis of Rolling Bearing in Printing Press Based on Convolutional Neural Network. Research on the Ink Absorption Performance of Coating on Foamed Plastic Surface -- Preparation and Characterization of Carbon Based Composite Conductive Ink -- Influence of Processing Parameters on the Impact Property -- Preparation of Novel Cholesteric Liquid Crystal and its Application in Structural Color -- Improvement of Electroluminescent Dielectric Layer.

Sommario/riassunto

This book includes a selection of reviewed papers presented at the 11th China Academic Conference on Printing and Packaging, held on November 26–29, 2020, Guangzhou, China. The conference is jointly organized by China Academy of Printing Technology and South China University of Technology. With 10 keynote talks and 200 presented papers on graphic communication and packaging technologies, the conference attracted more than 300 scientists. The proceedings cover the recent findings in color science and technology, image processing technology, digital media technology, mechanical and electronic engineering and numerical control, materials and detection, digital process management technology in printing and packaging, and other technologies. As such, the book is of interest to university researchers, R&D engineers and graduate students in the field of graphic arts, packaging, color science, image science, material science, computer science, digital media, network technology and smart manufacturing technology.
