

Table of Contents

Preface

Innovation in Processing Used Palm Cooking Oil into Offset Printing Ink F.A. Hadinata, A.O. Kurniasih, A. Nurrohmah, P.A.S. Herman, F. Destrianti and G.S. Suryadi	1
The Cellulose Extraction of TKKS Combined Bacterial Cellulose Strengthened with CMC Additives as Raw Materials for Making Environmentally Friendly Paper K. Anwar, E. Siregar, Y. Sinambela and S.I. Nadeak	9
Investigation of Viscosity and Optical Density Characteristics in Sustainable Palm Oil-Based Offset Printing Ink G.S. Suryadi, S. Susiani, H.D. Rahmayanti and A. Kristinawati	17
Starch-Calcium Carbonate Surface Coating to Enhance the Water Resistance of Empty Fruit Bunch Paper S. Susiani, M. Nugraha, S. Supardianningsih and G.S. Suryadi	27
Development of Eco-Cleaner Based on Eco-Enzymes Strengthened by Catalyst with Organic Solvents to Reduce Metals and Impurities on Offset Printing Machine Rollers and Blankets E. Siregar, I. Agustina and G. Gunawan	33
Making “Glow-in-the-Dark” Screen Printing on Cotton Material (Comparative Review of <i>Phosphorus</i> and <i>Rubber</i>) K. Saharja, J. Juwairiah, F. Telaumbanua, P. Panjaitan and H.E. Waruwu	39
Comparative Analysis of Printability, Optical, and Mechanical Properties of Coated Papers: A Case Study of Magno Satin and Art Carton Paper G.S. Suryadi, Y.Y. Situngkir, M. Riana, M. Suryani and S. Fauziah	47