

CONTENTS

Volume 13 Number 4 2016

ARTICLES

- Jute Needlepunched Nonwovens: Manufacturing, Properties, and Applications
Subhankar Maity 383
- Physical and Chemical Properties of Water-Retted Fibers Extracted from Different Locations in Corn Husks
Nazire Deniz Yilmaz, Mine Sulak, Kenan Yilmaz, and Fatih Kalin 397
- Sweet Clovers, a Source of Fibers Adapted for Growth on Wet and Saline Soils
Matthieu Rigal, Luc Rigal, Gérard Vilarem, and Virgine Vandebossche 410
- Dyeing Behavior of the Cellulosic and Jute Fibers with Cationic Dyes: Process Development and Optimization Using Statistical Analysis
Feriel Bouatay, Nizar Meksi, Shahid Adeel, Fatma Salah, and Farouk Mhenni 423
- Enzymatic Functionalization of Wool for Felting Shrink-Resistance
Amandeep Kaur, J. N. Chakraborty, and Kashyap Kumar Dubey 437
- Low-Stress Mechanical Properties of Cotton Fabric Treated with Titanium Dioxide-Catalyzed Wrinkle-Resistant Finishing
Chin-Kuen Poon and Chi-Wai Kan 451
- Extraction of Natural Dye from Walnut Bark and its Dyeing Properties on Wool Yarn
M. Ali Khan, Shahid-Ul-Islam, and F. Mohammad 458
- Grafting of Butyl Acrylate on to Banana Fibers for Improved Oil Absorption
M. D. Teli and Sanket P. Valia 470
- Model for Biomass Accumulation, Dates of Onset, and Duration of the Phenological Phases of Fiber Flax
Boris F. Karpunin 477
- Dyeing of Biotreated and Gamma Irradiated Cotton Fabric using Direct Yellow 12 and Direct Yellow 27
M. Usman, S. Adeel, W. Haider, A. Ghaffar, F. Rehman, and M. Ali 483
- Investigation on Dyeing Performance of Basic and Reactive Dyes Concerning Jute Fiber Dyeing
M. A. Rahman Bhuiyan, Abu Shaid, M. M. Bashar, and P. Sarkar 492
- Effect of Wet Treatments on Color Fastness of Naturally Colored Cotton
E. Tsaliki, U. Kechagia, I. Eleftheriadis, and F. Xanthopoulos 502

