Peer Review Research

1. Novel Treatment Route for Preparation and Characterization of Carboxymethyl Cellulose
   By Pruthesh H. Vargantwar, Khushboo Mittal, Peter Hauser, and Brent Smith, North Carolina State University; and Mohammad Hashem, National Research Centre, Cairo
   Key Terms
   Anionic Cellulose, Carboxymethylation, Confocal Microscopy, Monochloroacetic Acid, SEM
   DOI: 10.14504/ajr.1.1.1

6. Biosynthesized Silver Nanoparticles for Antibacterial Treatment of Cellulosic Fabrics Using O2-Plasma
   By M. S. Abdel-Aziz, B. M. Eid, and N. A. Ibrahim, National Research Centre, Cairo, Egypt
   Key Terms
   Antibacterial Finish, Biosynthesis, Cellulosic Substrates, O₂-plasma, Silver Nanoparticles
   DOI: 10.14504/ajr.1.1.2

    By Roger Barker, Andrew Bernard, David Hinks, and Gail Liston, North Carolina State University; and Christopher Jones and Stephen Singleton, Unilever Research and Development
    Key Terms
    Clothing Wear Comfort, Fabric Hand, Subjective Evaluation Protocols, Tactile Comfort, Washing Effects
    DOI: 10.14504/ajr.1.1.3

24. Chain Extender of Waterborne Polyurethanes Used for Warp Sizing
    By Zhifeng Zhu, Jiangnan University, and Fuju Lv and Jack Lin, C&D (Wuxi) Biological Technology Co. Ltd.
    Key Terms
    Adhesion, Chain Extender, Film Properties, Warp Sizes, Waterborne Polyurethane
    DOI: 10.14504/ajr.1.1.4