# Table of Contents

1. **Environmental Evaluation of Fabric Dyeing and Water Use for a Global Apparel Manufacturer**  
   By Tasha L. Lewis, Xia Zeng, Vanessa Sanchez, and Jintu Fan, Cornell University  
   
   **Key Terms**  
   Colorfastness, Chemical Oxygen Demand, COD, Effluent Quality, Sustainability, Waterless Dyeing  
   **DOI**: 10.14504/ajr.4.1.1

14. **Evaluation of Antimicrobial-Treated Fabric Properties**  
   By Nina M. Lamba, CCL Biomedical Inc., Diane S. Herson, University of Delaware, Rahim Jindani, North Carolina State University, and Martin W. King, North Carolina State University and Donghua University  
   
   **Key Terms**  
   Antimicrobial, Biocidal, Rapid Screening Test, Test Methodology, Textile Finish Assessment  
   **DOI**: 10.14504/ajr4.1.2

22. **Inkjet Printing of Linen Fabrics Pretreated with Atmospheric Plasma and Various Print Pastes**  
   By Arif Taner Özgüney, Ebru Bozacı, Aslı Demir, and Esen Özdoğan, Ege University  
   
   **Key Terms**  
   Atmospheric Plasma, Colorfastness, Inkjet Printing, Linen, Pretreatment Print Paste  
   **DOI**: 10.14504/ajr.4.1.3

28. **Seam Properties and Sewability of Crease Resistant Shirt Fabrics**  
   By Alime Aslı İlleez, Eylen Sema Dalbaşi, and Gonca Özcêlik Kayseri, Ege University  
   
   **Key Terms**  
   Cotton Shirt Fabric, Creases Resistance, Seams, Sewability, Wet Processing  
   **DOI**: 10.14504/ajr.4.1.4