



## Peer Review Research

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### 1 Color Strength Method for Rating Odor-Resistant Effect of Cotton Socks

By Xie Weibin, Zhao Shanhong, and Wu Jianjian, Zhejiang Entry-exit Inspection and Quarantine Bureau; and Dong Xiaowen, Du Juan, and Chen Shuilin, Donghua University

#### Key Terms

Color, Color Strength, Odor, Odor Resistance, Organoleptic

DOI: 10.14504/ajr.1.4.1

### 5 Enhancing the Protection Performance of Flame Resistant Fabrics Using Phase Change Materials

By Ramsis Farag\*, Auburn University

#### Key Terms

Carbon-Based FR Fiber, Firefighters, Flame Resistance, Phase Change Materials, Protective Textiles

DOI: 10.14504/ajr.1.4.2

### 11 Multiple Reuse of Exhausted Acid Dyebaths for Wool Dyeing: Colorimetric Properties, Leveling Agent Effect, and Material Savings

By Ali Moussa, Amel El Ghali, Sabrine Ellouzi, and Faouzi Sakli, University of Monastir

#### Key Terms

Acid Dye, Color; Color Differences, Dyebath Reuse, Water Consumption

DOI: 10.14504/ajr.1.4.3

### 22 Fatigue Determination of Photochromic Dyes in Silica and Polyamide Matrices via Analysis of CIELAB Parameters

By Vedran Durasevic, University of Leeds, and Durdica Parac-Osterman, University of Zagreb

#### Key Terms

Anti-Counterfeiting, CIELAB, Color, Dyeing, Photochromism, Smart Textiles, UV

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