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1 Peltier Effect in Cotton Fabric Treated with Doped Nanocellulose

By Charles Jeffery Morgan and Suraj Sharma, The University of Georgia

Key Terms

Peltier Effect, Nanofibrillated Cellulose, Nanosilver, Polypyrrole, Smart Textile, Thermoelectric

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7 Holistic Management of Textile Odor Using Novel Silver-Polymeric Complexes

By Dave Frattarelli, Lisa Powers, Deepack Doshi, Kevin Vargo, Bhavin Patel, Jennifer Liboon, and Michelle Gallagher, Microbial Control; Robert Monticello, International Antimicrobial Council; and Darla Goeres, Lindsey Lorenz, and Kelli Buckingham-Meyer, Montana State University

Key Terms

Cotton, Lycra, Malodor, Nylon, Odor Control, Polyester, Polymer, Silver

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By Béchir Wanassi and Béchir Azzouz, University of Monastir; and Mohamed Ben Hassen, Taibah University

Key Terms

Analytic Hierarchy Process, Denim, Industrial Waste, Recycled Fibers, Sustainability, Yarn

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By Xiangli Zhang, Jinrui Liu, Youjun Gao, and Sunin Zhao, Hebei Entry-Exit Inspection and Quarantine Bureau

Key Terms

Bamboo-Based Rayon, Formic Acid, Lyocell, Quantitative Analysis, Tencel G100, Zinc Chloride

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