



Peer Review Research

1 Study of Biodegradable Polyesters from Algal Sources for Use in Future Textile Fiber Applications

By Apurba Banerjee, Manjinder Singh, Keshav Das, and Suraj Sharma, The University of Georgia

Key Terms

Cyanobacteria, Medical Textiles, Mixotrophic Biosynthesis, Polyhydroxyalkanoates, Thermoplastic Polyester

DOI: 10.14504/ajr.3.1.1

7 A Comparative Study on Absorbent Layers of Disposable Nursing Pads Produced from New Generation Fibers

By Nilgün Özdil and Sevda Altaş, Ege University

Key Terms

Absorbency, Antibacterial, Bamboo Viscose, Cotton, Nursing Pad, Seaweed, Silver, Soybean

DOI: 10.14504/ajr.3.1.2

14 Image-Based Analysis of Seed Coat Fragments in Cotton Fabrics

By Min Li, Gang Fang, Changhai Xu, and David Hinks, North Carolina State University

Key Terms

Cotton, Image Processing, Quantitative Analysis, Seed Coat Fragment, Wet Processing

DOI: 10.14504/ajr.3.1.3

21 Flame-Resistant Polyester Fiber Automotive Interior Materials

By Zhaofang Du, Zhengting Fu, Fengxia Hu, Anyang Wang, and Dandan Dong, Anhui Agricultural University

Key Terms

Automotive Carpet, DBDPE, Flame Resistant, Low-Temperature Plasma, PET

DOI: 10.14504/ajr.3.1.4