

100th Anniversary



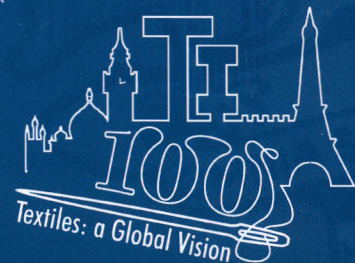
The Textile Institute

The Journal of The Textile Institute

Editor Dr. David R. Buchanan 2010 Vol 101 No 3 ISSN 0040-5000



Taylor & Francis
Taylor & Francis



The Journal of The Textile Institute

Editor David R. Buchanan

2010 Vol 101 No 3

ISSN 0040-5000

CONTENTS

Review

- 187 Improvements in the warp-knitting process and new patterning techniques for stitch-bonded textiles**
J. Hausding and C. Cherif

Papers

- 197 Numerical study of the function of the slotting-tube in air-jet spinning**
H.F. Guo, Z. Y. Chen and C.W. Yu
- 204 Investigating the production and properties of Ag/TiO₂/PP antibacterial nanocomposite filament yarns**
R. Dastjerdi, M.R.M. Mojtahedi, A.M. Shoshtari and A. Khosroshahi
- 214 Measurement of yarn hairiness by digital image processing**
A. Guha, C. Amarnath, S. Pateria and R. Mittal
- 223 Import demand response of MFA apparel/nonapparel fibers and cottons in the United States: a case study of China and Hong Kong**
M.C.-K. Lau, C. K.-M. To and Z. Zhang
- 236 Resilience behaviors of woven acrylic carpets under short- and long-term static loading**
Y. Korkmaz and S.D. Kocer
- 242 High-speed video graphic study of filament-core yarn spinning**
M. Miao, S. Barnes and L. Vuckovic
- 253 Compression behavior evaluation of single down fiber and down fiber assemblies**
J. Gao, N. Pan and W. Yu
- 261 Static generation and dissipation of polyester continuous filament yarn**
M. Suh, A.M. Seyam, W. Oxenham and T. Theyson
- 270 Fiber fly generation of 100% cotton yarns during warp preparation**
M.E. Yuksekkaya
- 276 A qualitative assessment of seersucker effect through spectral density and angular power spectrum function algorithms**
F.G. Ghahraman, H. Tavanai and S.A. Hosseini

Abstracted and Indexed in:
Chemical Abstract Service
Coloration Technology Abstracts
Compendex
Elsevier Scopus
INSPEC
Polymer Library
Textile Technology Index
Thomson ISI
TOGA
World Textile Abstracts

Available online at:
www.tandf.co.uk/journals/tjti



The Textile Institute
International House
1st Floor St James
79 Oxford
Manchester
M1 6FC
www.textileinstitute.org.uk

2626

FMS/TECN-INDUST*COLECTORA
ORDER #: 89259024
12870647041841002/NE
MX-00695-02 89259024
IL5: INTI

EBSCO



JOURNAL OF TEXTILE INSTITUTE - PRINT + ONLINE /ALL EXCEPT UK
2010 VOLUME :101 ISSUE :3



0040-5000(20100301)101:3;1-H