

Contents

4 Abstracts in Polish

GENERAL PROBLEMS OF THE FIBRE AND TEXTILE INDUSTRIES

- 8 **Analysis of Motivational Conditions Behind Sustainable Consumption in China's Uniform Market**
Y. Zhang, L. Li, X. Xing, X.-G. Liu
- 15 **Assessing the Competitiveness of Serbian Textile and Apparel Industry Exports Using RCA Index and TPI Indicators**
E. Corovic, I. Jestratijevic
- 24 **Using TOPSIS and AHP Methods in Job Distribution to Subcontractors in Apparel Companies and Comparing the Results**
Ö.C. Bulur, M. Kayar
- 32 **Improving the Apparel Production Process by Using Simulation Modelling with a Waves Algorithm**
C. Ünal, A. Kaya, M. Erdoğan, A. Güngörr

RESEARCH AND DEVELOPMENT

- 39 **Alkali Degumming and Refining Technology for Chinese Fevverine Fibre**
Z. Hongwei, S. Dongfeng, T. Jianqin
- 43 **Investigation of Open End Yarn Tension Using an Elastic Yarn-Guide**
S. Shukhratov, R. Milašius, J. Gafurov, B. Mardonov, K. Gafurov, Md. R. Repon
- 48 **Digital Real-Time Rotating Speed Measuring and Fuzzy PID Control Algorithm Design for the Multi-Speed Electronic Let-Off System**
W. Ren, X. Wen, S. Lai
- 56 **Development of Multilayer Woven Fabrics for the Adoptive Geometry Composite Structure**
Z. Zubair, M. Alali, G. L'hostis, M Zubair, J-Y. Drean
- 62 **Analytical Approach for Simulating the Compression and Recovery Behaviour of Nonwoven Fabrics for Automotive Floor-Covering Application under Static Loading**
A.A. Azami, P. Payvandy, M.M. Jalili
- 69 **Comparative Analysis of Electrospinning Methods for Producing Fibres and Materials with a Predicted Structure and Complex of Properties**
I. Filatov, E. Bokova, M. Smulskaya, I. Kapustin, M. Pawlowa, G. Kovalenko
- 75 **Study of the Dielectric Properties and Conductivity of Double Coated Glass Fibre Felt Composites**
Y. Liu, C. Wang, Y. Ma, Y. Liu, H. Wu, X. Zhao
- 81 **Adsorption Kinetics of an Activated Carbon Glass Composite Prepared Using Acrylic Waste Through Laser Treatment**
S.Q.Z. Gilani, J. Wiener, M.S. Naeem, Z. Javed, A. Jabbar, H.A. Abid, M. Karahan
- 90 **Effect of Atmospheric Pressure Oxygen Plasma treatment on Bonding Characteristics of Basalt Fibre Reinforced Concrete**
K.R. Nandagopal, A. Selvakumar, D. Raja
- 94 **Carbon Footprint and Water Footprint of Cashmere Fabrics**
B. Chen, W. Qian, Y. Yang, H. Liu, L. Wang
- 100 **Chemical Footprint of the Wet Processing of Cotton Fabric**
W. Qian, X. Qiu, Y. Guo, X. Ji, Y. Li, L. Wang

FIBRE ART

- 105 **Study on the Technological Process and Artistic Characteristics of Ancient Chinese Zhuanghua Silk Fabric**
J. Chai, R. Cui, L. Niu
- 112 **Information for Authors. Advertising and Subscription Information**

General information: IOHA 2021 – cover II; College of Merchandising, Hospitality & Tourism; 2nd International Conference on Textile Engineering 2021 – p. 23; 36th International Conference of the Polymer Processing Society 2021 – p. 31; INDEX 2021 – p. 38; BPS'21 – p. 42; Baltic BioMat 2021 – p. 74; Structural Membranes 2021 – p. 80; MICNC 2021 – p. 93; International Design Hackathon Summit 2021 – p. 99; Webinar on Materials Science & Nanotechnology – p. 104; ŁUKASIEWICZ Research Network – Institute of Biopolymers and Chemical Fibres – Medical masks (commercial offer) – cover III.