

Contents

4 Abstracts in Polish

RESEARCH AND DEVELOPMENT

- 8 Development of an Electrospun Nanofibrous Web with Hyaluronic Acid**
R. Milašius, D. Ryklin, N. Yasinskaya, A. Yeutushenka, A. Ragaišiene, Ž. Rukuižiene, D. Mikučioniene
- 13 Airflow Characteristics during the Rotor Spun Composite Yarn Spinning Process**
R. Yang, W. Gao, Y. Xu
- 18 Investigating the Effect of the Opening Unit on the Airflow Field in Rotor Spinning**
Y. Jin, S. Zhu, J. Cui, J. Li, Z. Zhu
- 25 Preparation of Conductive Polyethylene Terephthalate Yarns by Deposition of Silver & Copper Nanoparticles**
S. Ahmad, M. Ashraf, A. Ali, K. Shaker, M. Umair, A. Afzal, Y. Nawab, A. Rasheed
- 31 Effects of Optimal Mordanting on the Bleaching and Spinning of Black Yak Fibres**
Ch. Liu, X. Su, Ch. Xie, X. Liu
- 37 Surface Characterization of Low Temperature Plasma-Induced Cashmere Fibre by Air Gas**
Y. Wang, W. Yu
- 42 Immunization Effect of Sodium Aluminate on Wool**
J. Sirvaityte, K. Beleska, R. Alaburdaite, I. Komiciute, V. Valeika
- 47 Application of Power Ultrasound to Chemical Dissolution for Quantitative Analysis of Cotton and Polyester Blended Fabrics**
Z. Mingxing, M. Zhuo, S. Yize, Y. Zhibiao
- 54 Modeling of Ozonation of C.I. Reactive Black 5 through a Kinetic Approach**
L. Bilińska, R. Żylla, K. Smółka, M. Gmurek, S. Ledakowicz
- 61 Studies on the Use of Water Reclaimed from Textile Wastewater in a Closed Circuit**
J. Sójka-Ledakowicz, L. Kos, R. Żylla, K. Paździor, S. Ledakowicz
- 67 Functionalization of Non-woven Viscose with Formulation of Chitosan and Honey for Medical Applications**
O. Šauperl, M.K. Kunčič, J. Tompa, L.F. Zemljič, J.V. Valh
- 73 Structural Parameters of Functional Membranes for Integration in Smart Wearable Materials**
M. Eldessouki, T. Aysha, M. Ratičáková, J. Šašková, V. V.T. Padil, M. Ibrahim, M. Černík
- 79 Analysis of the Effect of Channel Parameters between Filaments and Single Fabric Parameters on Air Permeability, Water Vapour Resistance and Thermal Resistance**
M. Polipowski, P. Więcek, B. Więcek, A. Pinar
- 87 Warp-knitted Fabric Defect Segmentation Based on the Shearlet Transform**
Z. Dong, D. Xia, P. Ma, G. Jiang
- 95 Modeling the Performance of Horizontal Anchor Lines during Fall Arrest**
K. Baszczyński
- 104 Mathematical Modelling of Mechanical Properties of Textiles Subjected to Tension**
J. Zajczkowski
- 107 Using a 3D Body Scanner in Designing Compression Products Supporting External Treatment**
A. Iłska, K. Kowalski, M. Klonowska, W. Kuzański, T.M. Kowalski, W. Sujka
- 113 Collaborative 3D-To-2D Tight-Fitting Garment Pattern Design Process for Scoliotic People**
Y. Hong, X. Zeng, P. Bruniaux, K. Liu, Y. Chen, X. Zhang
- 119 Study on the Importance of Employee Performance Assessment and Lost Productive Time Rate Determination in Garment Assembly Lines**
M. Kayar, Ö.C. Bulur
- 127 Language of Dressing as a Communication System and its Functions – Roman Jakobson's Linguistic Method**
T. Todorović, A.P. Čuden, K. Košak, T. Toporiši
- 136 Information for Authors, Advertising and Subscription Information**

General information: 8th European Forum for Marketing of Scientific and Research Organizations – cover II; IBWCh – Laboratory of Microbiology – p. 24; 8th European Forum for Marketing of Scientific and Research Organizations – p. 29; 3rd European Food & Beverage Plastic Packing Summit – p. 30; ATH – p. 36; IBWCh – Multifilament Chitosan Yarn – p. 46; IBWCh – Laboratory of Biodegradation – p. 51; Europe & Emirates Economic Forum – p. 52; IBWCh – FTEE – p. 72; Future of Polyolefins 2018 – p. 78; IBWCh – Laboratory of Environmental Protection – p. 103; IBWCh – FTEE – p. 112; Textile Research Institute – p. 118; IBWCh – FTEE – p. 126; ATH – p. 135; Biocomposites Conference Cologne. 7th Conference on Wood and Natural Fibre Composites – cover III.